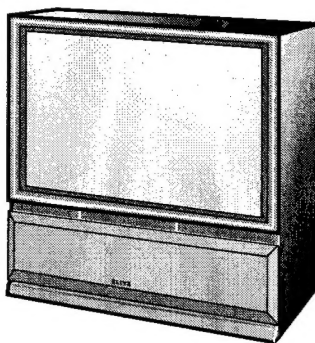


Service Manual

Pioneer



ORDER NO.
ARP3047

PROJECTION MONITOR RECEIVER

PRO-610HD

PRO-510HD

SD-582HD5

SD-532HD5

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model				Power Requirement	Remarks
	PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5		
KUXC/CA	○	○	○	○	AC120V	
KBXC	—	—	—	○	AC120V	

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O-ZZR NOV. 1999

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

1. SAFETY INFORMATION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.



WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & safety code section 25249.6—Proposition 65



NOTES

(FOR CANADIAN MODEL ONLY)

Fuse symbols  (fast operating fuse) and/or  (slow operating fuse) on PCB indicate that replacement parts must be of identical designation.

REMARQUE

(POUR MODÈLE CANADIEN SEULEMENT)

Les symboles de fusible  (fusible de type rapide) et/ou  (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

1.1 SAFETY PRECAUTIONS

NOTICE: Comply with all cautions and safety related notes located on or inside the cabinet and on the chassis or picture tube.

The following precautions should be observed:

1. Do not install, remove, or handle the picture tube in any manner unless shatterproof goggles are worn. People not so equipped should be kept away while picture tubes are handled.
Keep picture tube away from the body while handling.
2. When service is required, even though the PROJECTION MONITOR RECEIVER an isolation transformer should be inserted between power line and the set in safety before any service is performed.
3. When replacing a chassis in the set, all the protective devices must be put back in place, such as barriers, nonmetallic knobs, adjustment and compartment covershields, isolation resistor-capacitor, etc.
4. When service is required, observe the original lead dress.
Extra precaution should be taken to assure correct lead dress in the high voltage circuitry area.
5. Always use the manufacturer's replacement components. Especially critical components as indicated on the circuit diagram should not be replaced by other manufacture's.
Furthermore where a short circuit has occurred, replace those components that indicate evidence of overheating.

6. Before returning a serviced set to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the set by the manufacturer has become defective, or inadvertently defeated during servicing.

Therefore, the following checks should be performed for the continued protection of the customer and service technician.

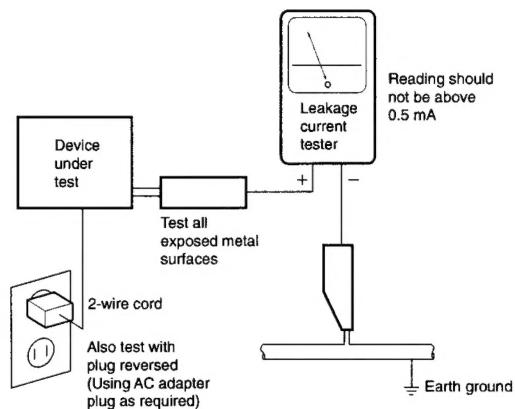
Leakage Current Cold Check

With the AC plug removed from 120V AC 60Hz source, place a jumper across the two plug prongs. Turn the AC power switch on. Using an insulation tester (DC 500V), connect one lead to the jumpered AC plug and touch the other lead to each exposed metal part (input/output terminals, screwheads, metal overlays, control shafts, etc.), particularly any exposed metal part having a return path to the chassis. Exposed metal parts having a return path to the chassis should have a minimum resistor reading of 0.3M Ω and a maximum resistor reading of 5M Ω . Any resistor value below or above this range indicates an abnormality which requires corrective action. Exposed metal parts not having a return path to the chassis will indicate an open circuit.

Leakage Current Hot Check

Plug the AC line cord directly into a 120V AC 60Hz outlet (do not use an isolation transformer for this check). Turn the AC power switch on.

Using a "Leakage Current Tester (Simpson Model 229 equivalent)", measure for current from all exposed metal parts of the cabinet (input/output terminals, screwheads, metal overlays, control shaft, etc.), particularly any exposed metal part having a return path to the chassis, to a known earth ground (water pipe, conduit, etc.). Any current measured must not exceed 0.5mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE SET TO THE CUSTOMER.

High Voltage

This set is provided with a X-ray protection for clearly indicating that voltage has increased in excess of a predetermined value. Comply with all notes described in this Service Manual regarding this hold down circuit when servicing, so that this X-ray protection may correctly be operated.

Serviceman Warning

In the status of the black picture (video muting is being applied) when no signal is input, high voltage of this set during operation is less than 30.5kV. In case any component having some relation to the high voltage is replaced, confirm that the high voltage is lower than 30.5kV in the status of the black picture when no signal is input.

To measure H.V. use a high impedance H.V. meter.

Connect (-) to earth and (+) to the FBT anode cable connector.

X-radiation

TUBE: The primary source of X-radiation in this set is the picture tube.

For continued X-radiation protection, the replacement tube must be the same type as the original, PIONEER approved type.

The picture tube (the CRT assy R, G, B) use in this set holds complete guarantee against X-ray radiation when the X-ray is sealed (See page 4). Accordingly, when the current in flowing to the picture tube (CRT assy R, G, B) be sure to perform it by putting the tube into X-ray sealed applied state. Avoid absolutely to flow the current to the picture tube (CRT assy R, G, B) itself. Moreover, when the voltage of the high voltage circuit becomes abnormally a little higher, the picture tube radiates X-rays. Accordingly, when servicing the high voltage circuit be sure to replace as an assembly with the DEFLECTION SERVICE assy in the manner in which has been adjusted to perform normal operation.

1.2 PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in PIONEER set have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a ⚠ on the schematics and on the parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the PIONEER recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire, X-radiation, or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current PIONEER Service Manual. A subscription to, or additional copies of PIONEER Service Manual may be obtained at a nominal charge from PIONEER.

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5



1.3 CHARGED SECTION, HIGH VOLTAGE GENERATING POINT AND X-RAY PROTECTION

■ Charged section

The circuit in which the commercial AC power is used as it is without passing through the power supply transformer. If the charged section is touched, there is a risk of electric shock. In addition, the measuring equipment can be damaged if it is connected to the GND of the charged section and the GND of the non-charged section while connecting the set directly to the commercial AC power supply. In this case, be sure to connect the set via an insulated transformer and supply the current.

■ Charged section (Power supply primary side)

1. The primary side of the AC IN assy
2. AC power cord
3. The primary side of the POWER SUPPLY assy
4. AC power cord for DTV STB
(PRO-610HD, PRO-510HD Only)

-  : Part is the charged section.
 : Part is the high voltage generating points other than the charged section.

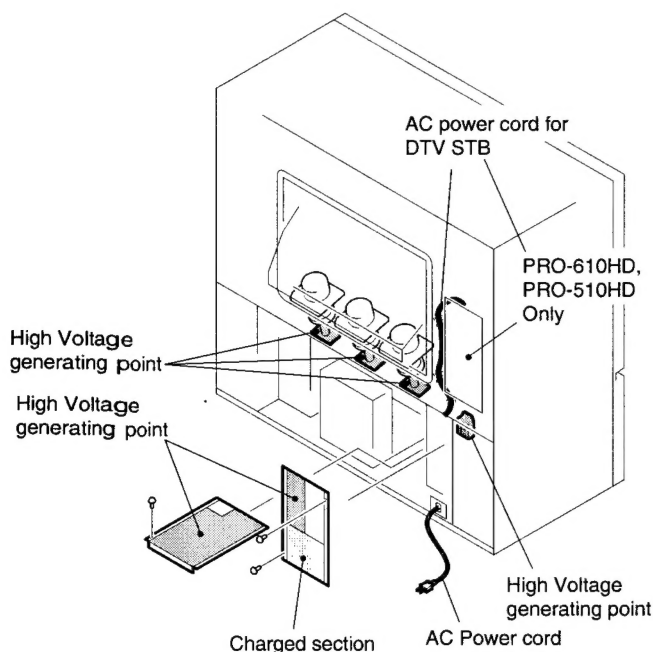


Fig. 1 Charged section and high voltage generating point

■ High voltage generating point

The place where voltage is 100V is generated.

1. Charged section
DEFLECTION assy
(including FBT) (30.5kV, 1.2kV, 210V, 135V)
2. POWER SUPPLY assy (135V)
3. R. CRT DRIVE assy (10.5kV, 210V)
4. G. CRT DRIVE assy (10.5kV, 210V)
5. B. CRT DRIVE assy (10.5kV, 210V)
6. CRT assy R (CRT service assy R) (30.5kV)
7. CRT assy G (CRT service assy G) (30.5kV)
8. CRT assy B (CRT service assy B) (30.5kV)
9. Focus variable resistor (VR1) (10.5kV)
10. Deflection yokes (L1, L2 and L3) Approx. (1100V at peak)

■ X-ray protection

- Regarding the parts which are relative to radiation of X-rays (There is the danger to radiate X-ray from the individual CRT assy R, G, B), there are notifications of caution in the individual schematic diagrams. Be sure to read them for safety's sake.
- The component parts for X-ray protection are as follows :
When the current flows to the CRT assy R, G, B, be sure to perform it with these parts being attached. Protection from the X-ray radiation is maintained in the state in which these parts have been installed to the CRT assy R, G, B. Accordingly, never supply current only to the CRT assy R, G, B.
Moreover, the anode voltage of the CRT assy R, G, B should always be kept not higher than the predetermined value (in the minimum brightness and picture state when non signal input is less than 30.5kV). Be sure to drive the CRT assy R, G, B by using a completely functional DEFLECTION assy which have been adjusted completely in the combined state. (When the voltage abnormally becomes high, the X-ray protection circuit will operate.)

1. CRT assy R, G, B (Do not dismantle CRT assemblies under any circumstances)
2. Each Lens assy

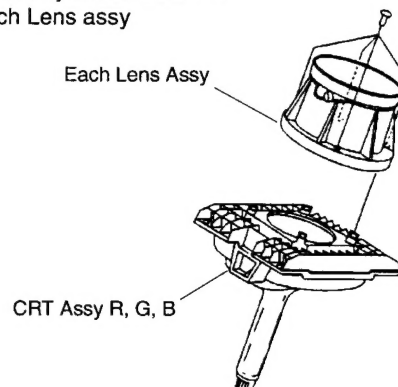


Fig. 2 Component parts for X-ray protection

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2. EXPLODED VIEWS AND PARTS LIST

NOTES : ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

● The \triangle mark found on some component parts indicates the importance of the safety factor of the part.

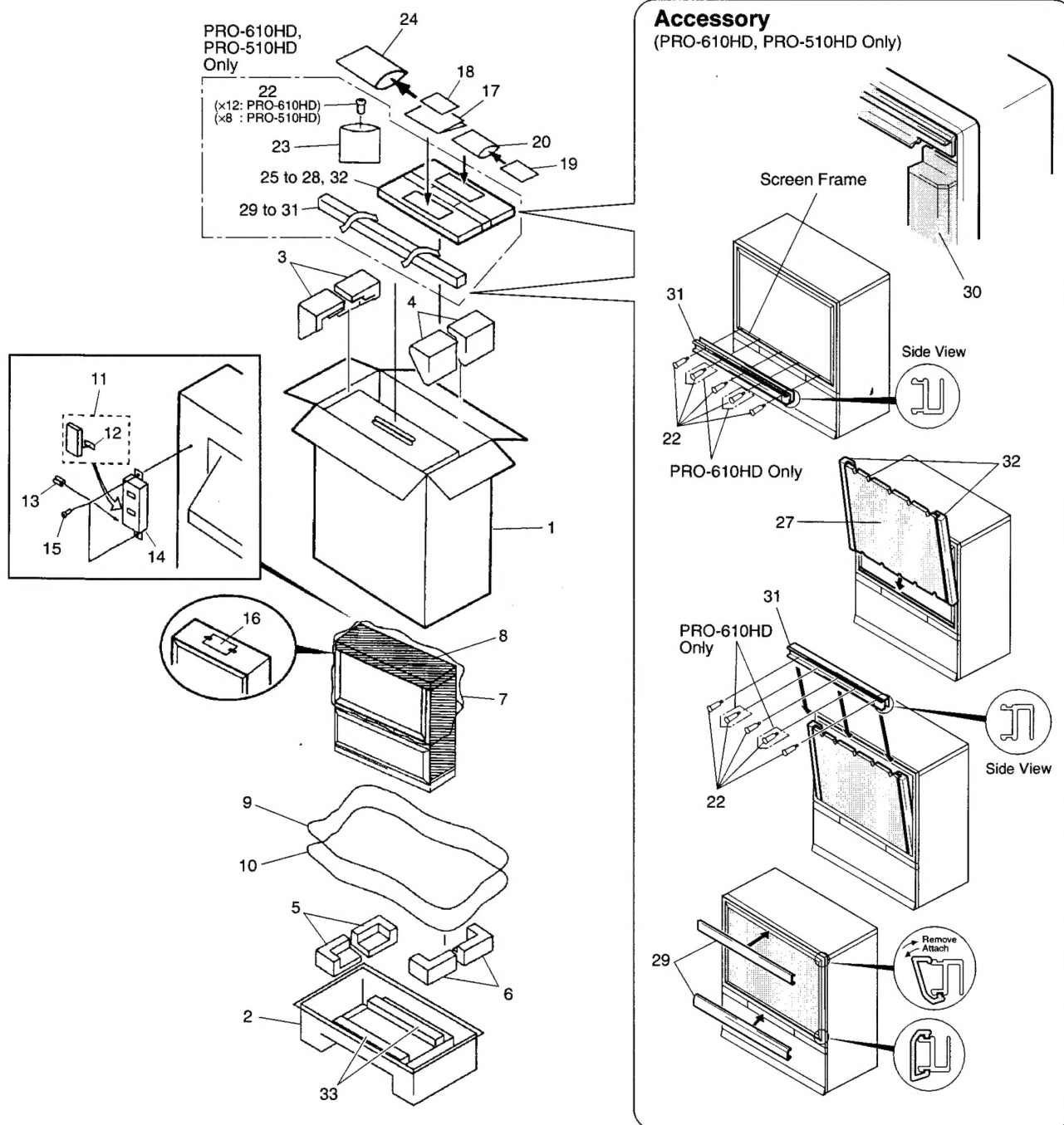
Therefore, when replacing, be sure to use parts of identical designation.

● Parts marked by ☆ are important parts which relate in X-rays radiation.

If any of these parts need to be replaced, always replace with specified parts.

● Screws adjacent to ▼ mark on the product are used for disassembly.

2.1 PACKING



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) PACKING PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	Upper Carton	See Contrast table (2)		21	
	2	Under Carton	See Contrast table (2)		22	Special Screw	See Contrast table (2)
	3	Upper Pad L	AHA2253			(Panel Frame Attaching Screw)	
	4	Upper Pad R	AHA2254	NSP	23	Wrapper Bag	See Contrast table (2)
	5	Under Pad L	AHA2255	NSP	24	Literature Bag	AHG1222
					25	Panel Case	See Contrast table (2)
	6	Under Pad R	AHA2256		26	
NSP	7	Vinyl Sheet Upper	See Contrast table (2)		27	Contrast Screen	See Contrast table (2)
NSP	8	Packing Sheet	See Contrast table (2)		28	Acrylic Caution Card	See Contrast table (2)
NSP	9	Packing Sheet Under	See Contrast table (2)		29	Frame Cover H	See Contrast table (2)
	10	Vinyl Sheet Under	See Contrast table (2)		30	Frame Cover V Assy	See Contrast table (2)
	11	Remote Control Unit	See Contrast table (2)		31	Panel Frame H	See Contrast table (2)
	12	Battery Cover	AZN2401		32	Panel Frame V	See Contrast table (2)
NSP	13	Alkaline Dry Cell Battery (LR6,AA)	AEX1018	NSP	33	Under Cushion A	See Contrast table (2)
	14	CU Packing Case	AHC1032				
	15	Special Screw	ABA1239				
	16	CONV. Attention Card	See Contrast table (2)				
	17	Operating Instructions	See Contrast table (2)				
NSP	18	Caution Card	ARM1057				
NSP	19	Warranty Card	See Contrast table (2)				
NSP	20	Poly Bag	AHG1285				

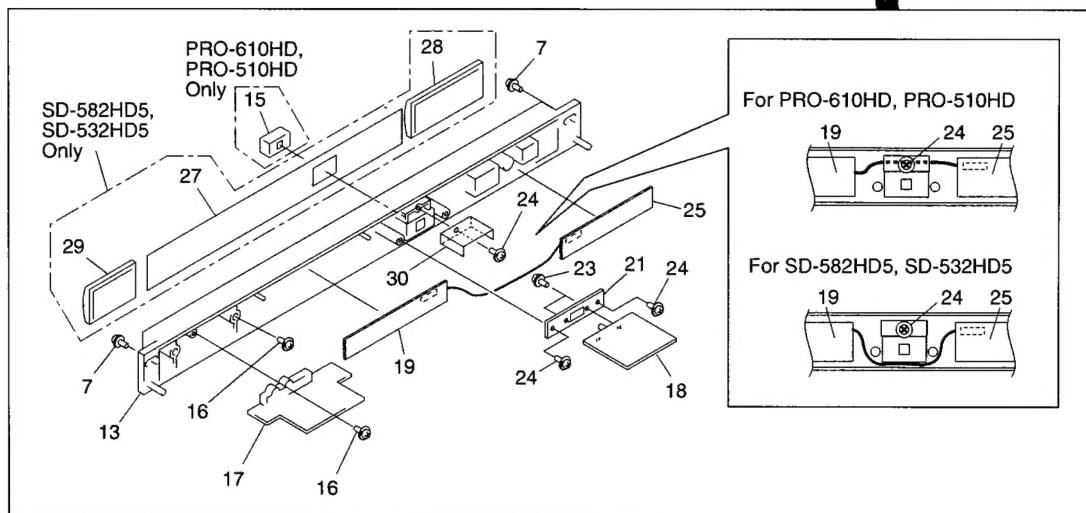
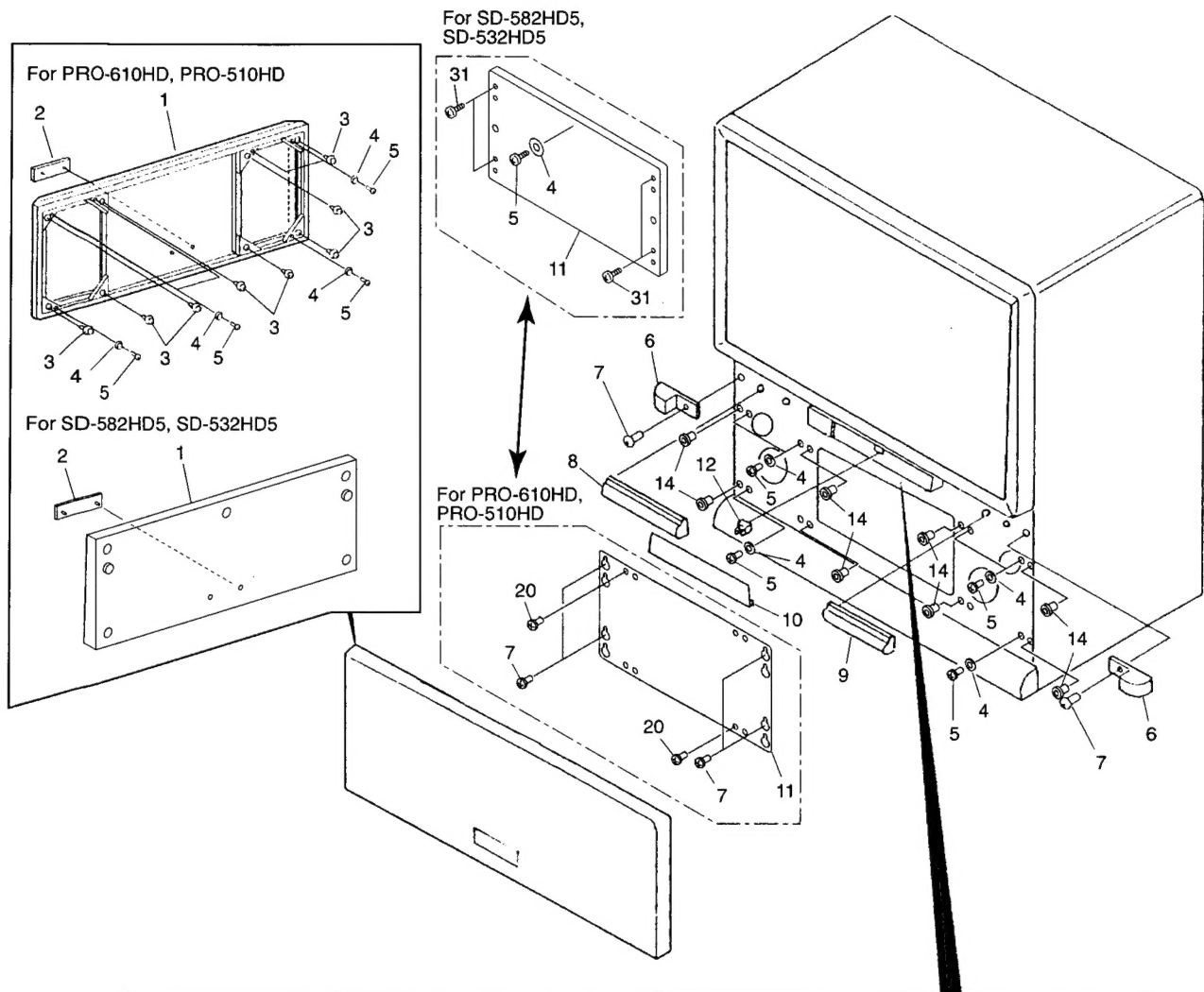
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.					Remarks
			PRO-610HD KUXC/CA	PRO-510HD KUXC/CA	SD-582HD5 KUXC/CA	SD-532HD5 KUXC/CA	SD-532HD5 KBXC	
NSP	1	Upper Carton	AHD3045	AHD3046	AHD3049	AHD3050	AHD3050	
	2	Under Carton	AHD3047	AHD3048	AHD3047	AHD3048	AHD3048	
	7	Vinyl Sheet Upper	AHG1288	AHG1095	AHG1288	AHG1095	AHG1095	
	8	Packing Sheet	AHG1230	AHG1120	AHG1230	AHG1120	AHG1120	
NSP	9	Packing Sheet Under	AHG1290	AHG1235	AHG1290	AHG1235	AHG1235	
	10	Vinyl Sheet Under	AHG1289	AHG1234	AHG1289	AHG1234	AHG1234	
	11	Remote Control Unit (CU-SD110)	AXD1448 (CU-SD110)	AXD1448 (CU-SD110)	AXD1449 (CU-SD111)	AXD1449 (CU-SD111)	AXD1449 (CU-SD111)	
	16	CONV. Attention Card	ARM1173	ARM1173	ARM1174	ARM1174	ARM1174	
	17	Operating Instructions (English)	ARB1527	ARB1527	ARB1528	ARB1528	ARB1528	
NSP	19	Warranty Card	ARY1026	ARY1026	ARY1050	ARY1050	Not used	
NSP	20	Poly Bag	AHG1285	AHG1285	AHG1285	AHG1285	Not used	
	22	Special Screw	ABA1280	ABA1280	Not used	Not used	Not used	
NSP	23	Wrapper Bag	AHG1076	AHG1076	Not used	Not used	Not used	
	25	Panel Case	AHB1215	AHB1216	Not used	Not used	Not used	
	27	Contrast Screen	AAK2749	AAK2750	Not used	Not used	Not used	
	28	Acrylic Caution Card	ARH1167	ARH1167	Not used	Not used	Not used	
	29	Frame Cover H	AAP1613	AAP1614	Not used	Not used	Not used	
	30	Frame Cover V Assy	AAP1617	AAP1619	Not used	Not used	Not used	
	31	Panel Frame H	AAP1629	AAP1630	Not used	Not used	Not used	
	32	Panel Frame V	AND1169	AND1167	Not used	Not used	Not used	
NSP	33	Under Cushion A	AHA2258	AHA2260	AHA2258	AHA2260	AHA2260	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.2 FRONT VIEW (1/2)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) FRONT VIEW (1/2) PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
NSP	1	Grille	See Contrast table (2)	NSP	21	Switch Holder	ANG2313
	2	Badge	See Contrast table (2)		22	
	3	Catcher A	See Contrast table (2)		23	Screw	AMZ30P060FZK
	4	Magic Tape	AEC1349		24	Screw	APZ30P080FZK
	5	Screw	ABA1271		25	LED DPO Assy	See Contrast table (2)
	6	Side Cover	See Contrast table (2)	NSP	26	
	7	Special Screw	ABA1240		27	Control Sheet	See Contrast table (2)
	8	Side Panel Assy L	See Contrast table (2)		28	Indicator Panel L	See Contrast table (2)
	9	Side Panel Assy R	See Contrast table (2)		29	Indicator Panel R	See Contrast table (2)
	10	Door Assy	See Contrast table (2)		30	Front Shield	ANK1502
	11	Blind Plate	See Contrast table (2)		31	Special Screw	See Contrast table (2)
	12	Catcher F2M	AEC1609				
	13	Front Panel Assy	See Contrast table (2)				
	14	Catch B	See Contrast table (2)				
	15	Power Knob	See Contrast table (2)				
	16	Screw	ABZ40P080FZK				
	17	FRONT INPUT Assy	See Contrast table (2)				
	18	POWER SW Assy	AWZ6467				
	19	FRONT CONTROL Assy	AWZ6462				
	20	Screw	See Contrast table (2)				

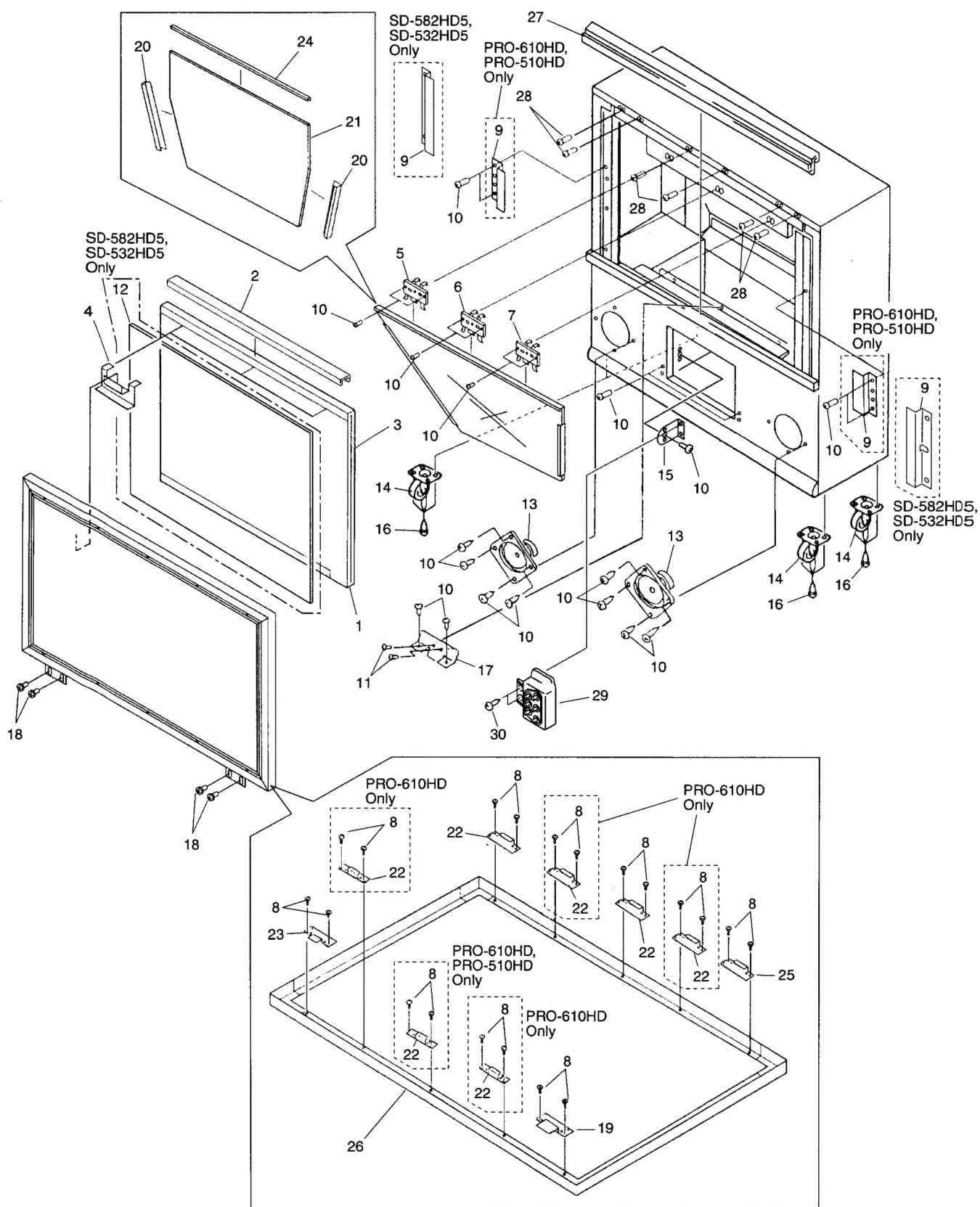
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
	1	Grille	AMM3003	AMM3004	AMR3173	AMR3174	
	2	Badge	AAM1081	AAM1081	AAM1088	AAM1088	
	3	Catcher A	ANZ-241	ANZ-241	Not used	Not used	
	6	Side Cover	AMR3107	AMR3107	Not used	Not used	
	8	Side Panel Assy L	AMB2662	AMB2664	Not used	Not used	
	9	Side Panel Assy R	AMB2663	AMB2665	Not used	Not used	
	10	Door Assy	AAN1461	AAN1461	AAN1459	AAN1457	
	11	Blind Plate	AMM2933	AMM2933	AMM3009	AMM3009	
	13	Front Panel Assy	AMB2666	AMB2666	Not used	Not used	
	13	Control Panel	Not used	Not used	AMB2657	AMB2657	
	14	Catch B	AEC1507	AEC1507	ANZ-242	ANZ-242	
	15	Power Knob	AAD4105	AAD4105	Not used	Not used	
	17	FRONT INPUT Assy	AWZ6466	AWZ6466	AWZ6471	AWZ6471	
	20	Screw	ABA1239	ABA1239	Not used	Not used	
	25	LED DPO Assy	AWZ6463	AWZ6463	AWZ6470	AWZ6470	
	27	Control Sheet	Not used	Not used	AMB2751	AMB2751	
	28	Indicator Panel L	Not used	Not used	AMB2752	AMB2752	
	29	Indicator Panel R	Not used	Not used	AMB2753	AMB2753	
	31	Special Screw	Not used	Not used	ABA1249	ABA1249	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.3 FRONT VIEW (2/2)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) FRONT VIEW (2/2) PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	Lenticular Sheet	See Contrast table (2)		26	Screen Frame Assy	See Contrast table (2)
	2	Screen Holder Top	See Contrast table (2)		27	Screen Holder Low	See Contrast table (2)
	3	Fresnel	See Contrast table (2)		28	Screw	BYC35P160FZK
NSP	4	Upper Cabinet Metal	See Contrast table (2)	⚠	29	Focus VR (VR1)	ACX1096
NSP	5	Mirror Upper Stay L	ANG2004		30	Screw	BBZ30P080FZK
NSP	6	Mirror Upper Stay C	ANG2006				
NSP	7	Mirror Upper Stay R	ANG2005				
	8	Screw	See Contrast table (2)				
NSP	9	Screen Side Fitting	See Contrast table (2)				
	10	Special Screw	ABA1240				
	11	Screw	ACZ40P080FMC				
	12	Contrast Screen	See Contrast table (2)				
	13	Cone Speaker	APV1021				
	14	Caster	AMR2547				
NSP	15	VR Holder	ANG1956				
	16	Special Screw	ABA1273				
NSP	17	CRT Front Holder	ANG2118				
	18	Screw M5	ABA1189				
NSP	19	Under Screen Metal B	See Contrast table (2)				
	20	Mirror Frame V	See Contrast table (2)				
	21	Mirror	See Contrast table (2)				
NSP	22	Upper Screen Metal B	See Contrast table (2)				
NSP	23	Under Screen Metal A	See Contrast table (2)				
	24	Mirror Frame H	See Contrast table (2)				
NSP	25	Upper Screen Metal A	See Contrast table (2)				

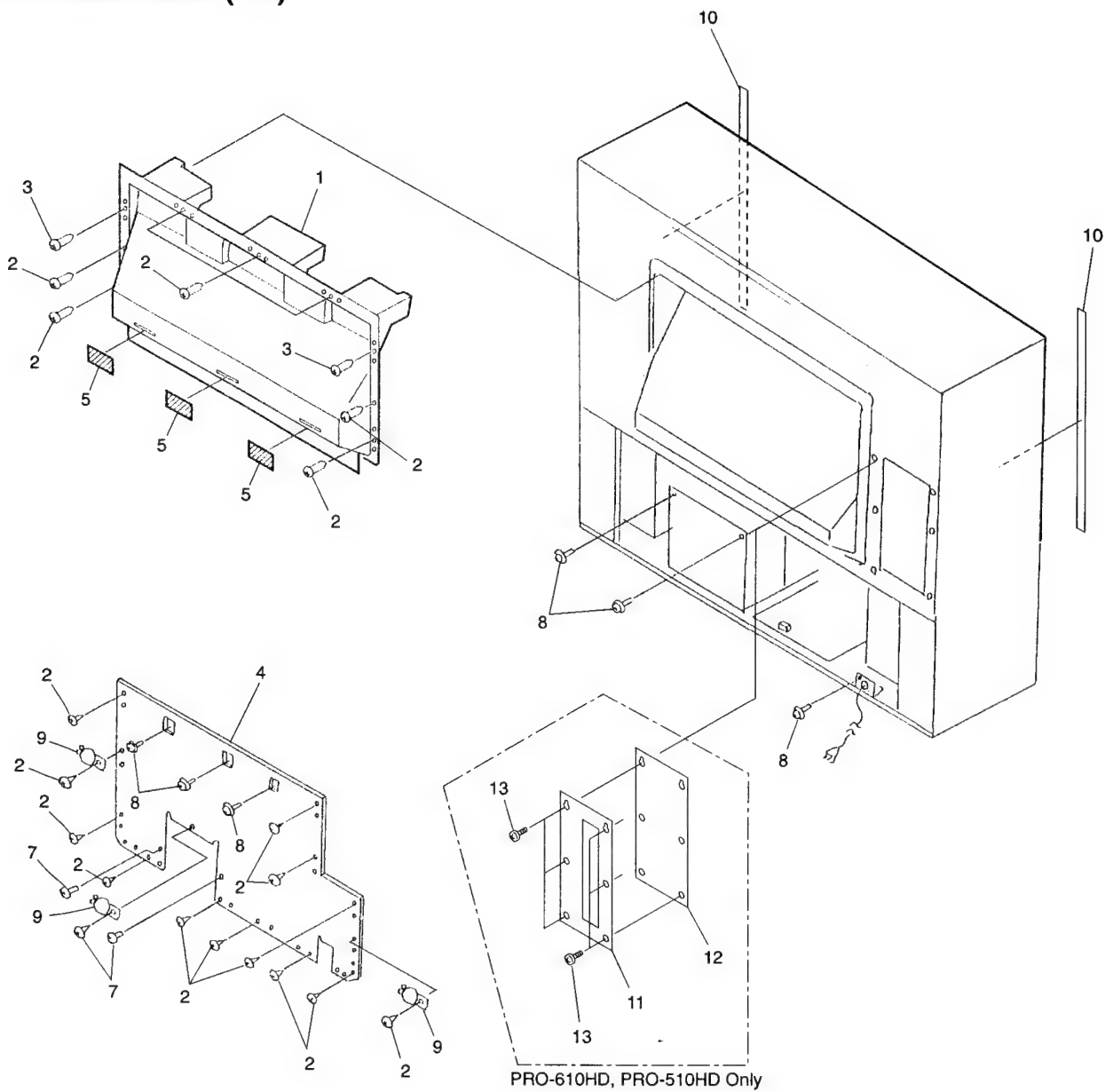
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
	1	Lenticular Sheet	AMR3184	AMR3185	AMR3178	AMR3179	
	2	Screen Holder Top	ANG2369	ANG2370	ANG2363	ANG2364	
	3	Fresnel	AMR3186	AMR3187	AMR3180	AMR3181	
	4	Upper Cabinet Metal	ANG2000	ANG2000	ANG2358	ANG2358	
	8	Screw	BYC40P160FMC	BYC40P160FMC	BYC40P140FZK	BYC40P140FZK	
	9	Screen Side Fitting	ANG1993	ANG1993	ANG2366	ANG2362	
	12	Contrast Screen	Not used	Not used	AAK2747	AAK2748	
NSP	19	Under Screen Metal B	ANG2009	ANG2009	ANG2361	ANG2361	
	20	Mirror Frame V	ANG2373	ANG2374	ANG2373	ANG2374	
	21	Mirror	AMR3188	AMR3189	AMR3188	AMR3189	
NSP	22	Upper Screen Metal B	ANG2002	ANG2002	ANG2360	ANG2360	
NSP	23	Under Screen Metal A	ANG2003	ANG2003	ANG2361	ANG2361	
	24	Mirror Frame H	ANG2371	ANG2372	ANG2371	ANG2372	
NSP	25	Upper Screen Metal A	ANG2001	ANG2001	ANG2359	ANG2359	
	26	Screen Frame Assy	AAP1611	AAP1612	AAP1607	AAP1608	
	27	Screen Holder Low	AAP1621	AAP1622	AAP1609	AAP1610	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.4 REAR VIEW (1/2)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) REAR VIEW (1/2) PARTS LIST

Mark	No.	Description	Part No.
	1	Mirror Case 51	AME2296
	2	Screw	ABA1240
	3	Screw	PYC40T140FZB
	4	Rear Cover	AMM2999
	5	Blind Sheet	AEC1622
	6	
	7	Screw	ABZ30P100FZK
	8	Screw	ABA1269
NSP	9	Cabinet Wire Holder	AEC1263
	10	Screen Cushion	See Contrast table (2)
	11	Rear Cover (DTV)	See Contrast table (2)
	12	Rear Cover Sheet	See Contrast table (2)
	13	Screw	PMB40P250FZB

(2) CONTRAST TABLE

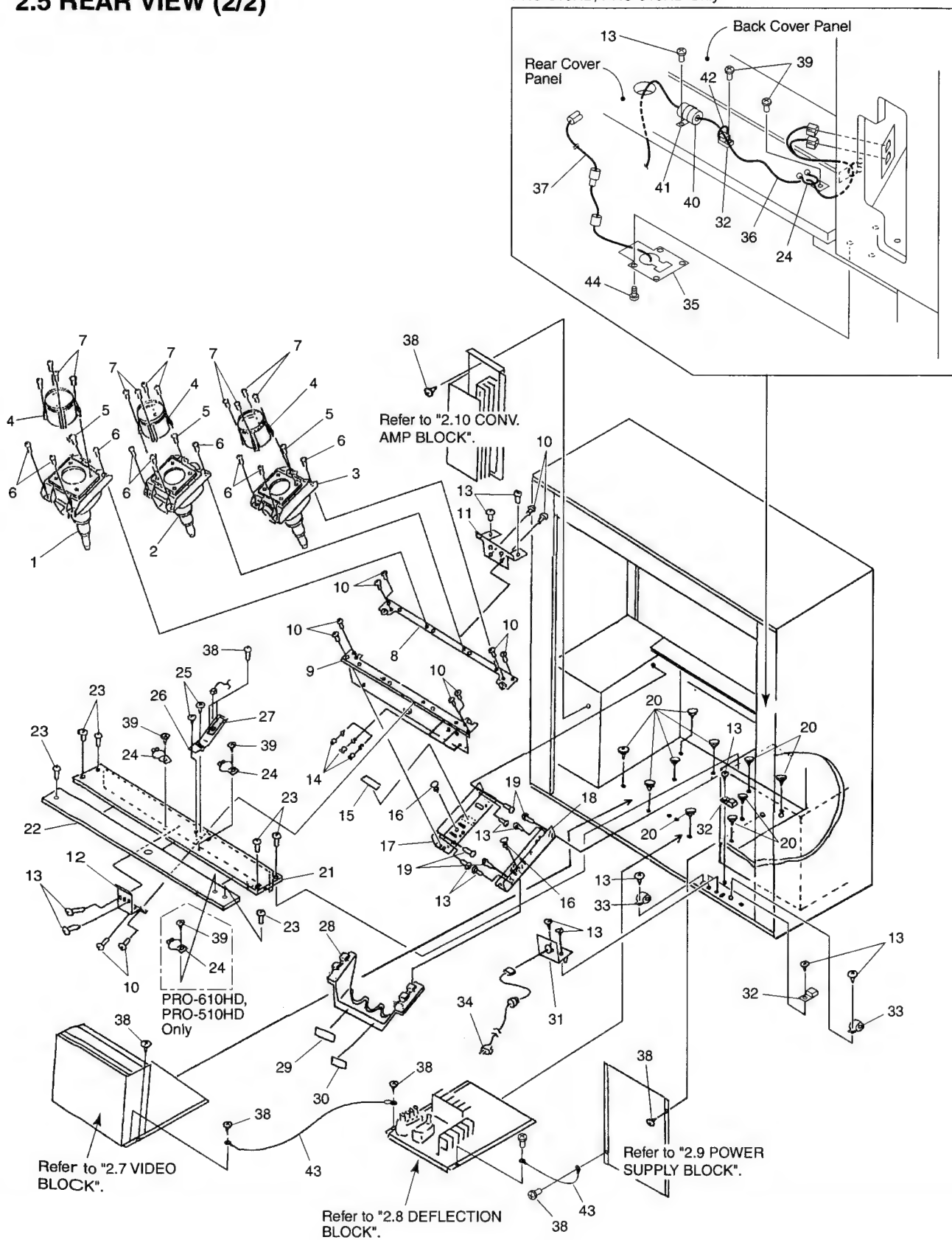
PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
	10	Screen Cushion	AEC1830	AEC1831	AEC1845	AEC1844	
	11	Rear Cover (DTV)	AMM3000	AMM3000	Not used	Not used	
	12	Rear Cover Sheet	AMR3190	AMR3190	Not used	Not used	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.5 REAR VIEW (2/2)

PRO-610HD, PRO-510HD Only



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) REAR VIEW (2/2) PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
☆	1	CRT Service Assy B	See Contrast table (2)	NSP	31	AC Cord Holder A	ANG2307
☆	2	CRT Service Assy G	See Contrast table (2)	NSP	32	Bind Holder	AEC1785
☆	3	CRT Service Assy R	See Contrast table (2)		33	Ferrite Core	ATX1033
☆	4	Lens Assy	See Contrast table (2)	⚠	34	AC Power Cord	ADG1180
	5	Screw	FBT40P120FZK	NSP	35	AC Cord Holder B	See Contrast table (2)
	6	Screw	ABA1168		36	Wire Harness C (J14)	See Contrast table (2)
	7	Screw	AMZ40P080FZK	⚠	37	AC Power Cord	See Contrast table (2)
NSP	8	CRT Front Frame	See Contrast table (2)		38	Screw	BBZ30P080FZK
NSP	9	CRT Rear Frame	See Contrast table (2)		39	Screw	ABA1271
	10	Screw	ACZ40P080FMC		40	Ferrite Core	See Contrast table (2)
NSP	11	CRT Front Holder	ANG2118	NSP	41	Nylon Clamp 18N	AEC1789
NSP	12	CRT Rear Holder	ANG2119		42	Nylon Binder	AEC-093
	13	Screw	ABA1240		43	1P Lead Wire (J1)	ADX2505
	14	Cord Holder	AEC1257		44	Screw	PMB40P250FZB
NSP	15	Tube Label	AAX2497				
	16	Rivet	AEC-441				
NSP	17	CRT Stand Holder R	ANA1497				
NSP	18	CRT Stand Holder L	ANA1496				
	19	Screw	PMB50P250FZB				
	20	Special Screw	ABA1121				
NSP	21	Back Cover Panel	See Contrast table (2)				
	22	Rear Cover Panel	AMM3010				
	23	Screw	ABA1241				
NSP	24	Cabinet Wire Holder	AEC1263				
	25	Screw	ABA1279				
NSP	26	Fixing Metal	ANG1958				
	27	SR Assy	AWZ6465				
NSP	28	Tray	AMR2563				
NSP	29	Solder Warning Label	AAX2672				
NSP	30	Warning Label (KC)	AAX1797				

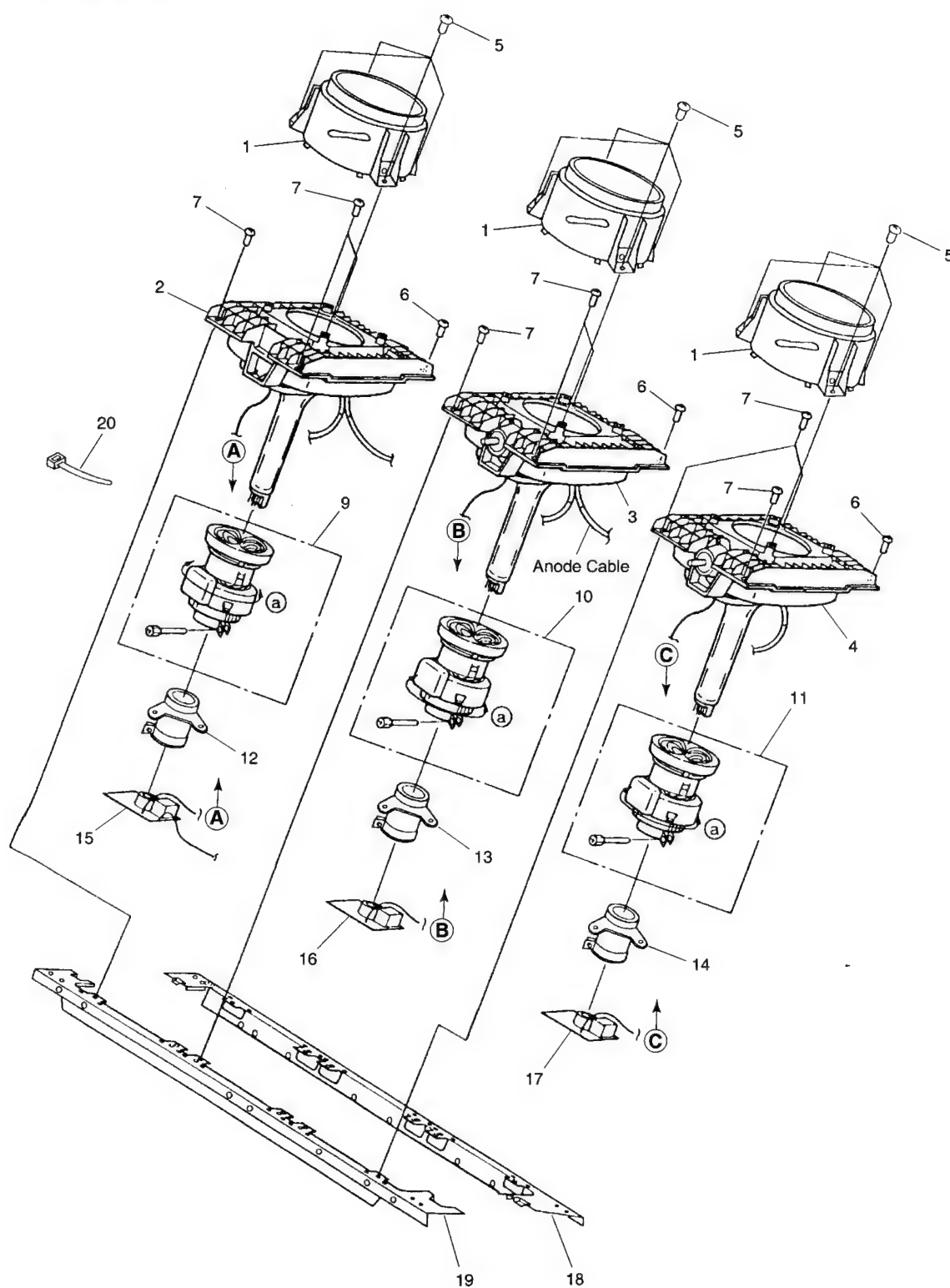
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
☆	1	CRT Service Assy B	AWY1422	AWY1418	AWY1420	AWY1418	
☆	2	CRT Service Assy G	AWY1413	AWY1417	AWY1417	AWY1417	
☆	3	CRT Service Assy R	AWY1421	AWY1416	AWY1419	AWY1416	
☆	4	Lens Assy	AMR3183	AMR2833	AMR2833	AMR2833	
NSP	8	CRT Front Frame	ANA1613	ANA1614	ANA1613	ANA1614	
NSP	9	CRT Rear Frame	ANA1615	ANA1616	ANA1615	ANA1616	
NSP	21	Back Cover Panel	AMM3001	AMM3002	AMM3001	AMM3002	
NSP	35	AC Cord Holder B	ANG2311	ANG2311	Not used	Not used	
	36	Wire Harness C (J14)	ADX2491	ADX2491	Not used	Not used	
⚠	37	AC Power Cord	ADG1185	ADG1185	Not used	Not used	
	40	Ferrite Core (L9)	ATX1031	ATX1031	Not used	Not used	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.6 CRT BLOCK



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) CRT BLOCK PARTS LIST

Mark	No.	Description	Part No.
☆	1	Lens Assy	See Contrast table (2)
☆	2	CRT Service Assy R	See Contrast table (2)
☆	3	CRT Service Assy G	See Contrast table (2)
☆	4	CRT Service Assy B	See Contrast table (2)
	5	Screw	AMZ40P080FZK
	6	Screw	FBT40P120FZK
	7	Screw	ABA1168
	8	
⚠	9	Deflection Yoke (L1)	ATL1136
⚠	10	Deflection Yoke (L2)	ATL1136
⚠	11	Deflection Yoke (L3)	ATL1136
⚠	12	VM Coil (L4)	ATL1137
⚠	13	VM Coil (L5)	ATL1137
⚠	14	VM Coil (L6)	ATL1137
	15	R. CRT DRIVE Assy	AWZ6457
	16	G. CRT DRIVE Assy	AWZ6458
	17	B. CRT DRIVE Assy	AWZ6459
NSP	18	CRT Rear Frame	See Contrast table (2)
NSP	19	CRT Front Frame	See Contrast table (2)
	20	Nylon Binder	AEC-093

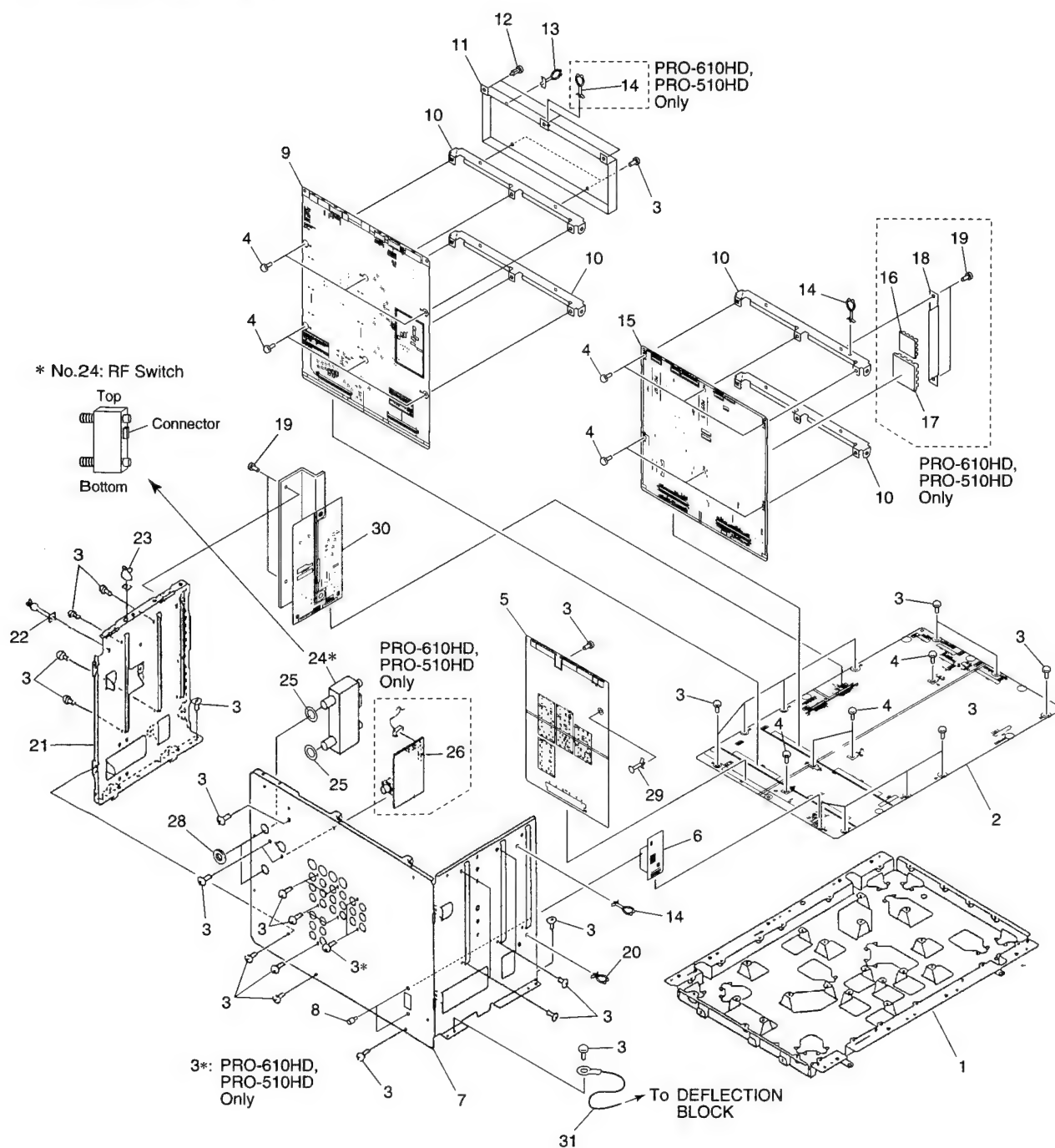
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
☆	1	Lens Assy	AMR3183	AMR2833	AMR2833	AMR2833	
☆	2	CRT Service Assy R	AWY1421	AWY1416	AWY1419	AWY1416	
☆	3	CRT Service Assy G	AWY1413	AWY1417	AWY1417	AWY1417	
☆	4	CRT Service Assy B	AWY1422	AWY1418	AWY1420	AWY1418	
NSP	18	CRT Rear Frame	ANA1615	ANA1616	ANA1615	ANA1616	
NSP	19	CRT Front Frame	ANA1613	ANA1614	ANA1613	ANA1614	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

2.7 VIDEO BLOCK



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

(1) VIDEO BLOCK PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
NSP	1	Video Chassis	ANA1584		26	BNC Assy	See Contrast table (2)
	2	VIDEO Assy	See Contrast table (2)		27	Screw	See Contrast table (2)
	3	Screw	BBZ30P080FZK		28	Nut	BBN1005
	4	Screw	BBZ30P080FCU	NSP	29	Mini Card Spacer	AEC1835
	5	AV I/O Assy	See Contrast table (2)		30	AUDIO Assy	See Contrast table (2)
	6	RGB SW Assy	AWZ6468		31	1P Laed Wire	ADX2505
	7	Rear Panel	See Contrast table (2)				
	8	Hexagon Head Screw	BBA1051				
	9	SIGNAL Assy	See Contrast table (2)				
NSP	10	PCB Sub Frame	ANG2304				
	11	Signal Shield	ANK1629				
	12	Rivet	AEC-441				
NSP	13	Cable Clip D3S	AEC1782				
	14	Cable Clip	AEC1806				
	15	SUB VIDEO Service Assy	See Contrast table (2)				
NSP	16	IP Heat Sink S	See Contrast table (2)				
NSP	17	IP Heat Sink M	See Contrast table (2)				
	18	IP Heat Sink Holder	See Contrast table (2)				
	19	Screw	See Contrast table (2)				
NSP	20	Cable Clip D3M	AEC1783				
	21	PCB Side Holder	ANG2305				
NSP	22	Lead Clamper M	AEC1611				
NSP	23	Cable Clip A	AEC1325				
	24	RF Switch	AXF1088				
	25	Washer	WAXOF160N100				

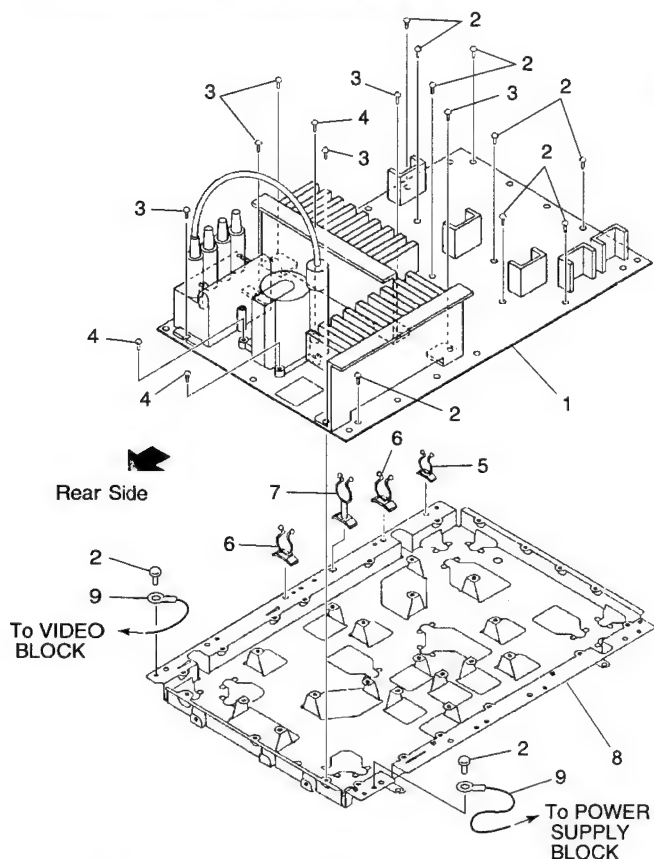
(2) CONTRAST TABLE

PRO-610HD, PRO-510HD, SD-582HD5 and SD-532HD5 are constructed the same except for the following :

Mark	No.	Symbol and Description	Part No.				Remarks
			PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
NSP NSP	2	VIDEO Assy	AWV1799	AWV1799	AWV1804	AWV1804	
	5	AV I/O Assy	AWV1802	AWV1802	AWV1807	AWV1807	
	7	Rear Panel	ANC2336	ANC2336	ANC2337	ANC2337	
	9	SIGNAL Assy	AWV1800	AWV1800	AWV1805	AWV1805	
	15	SUB VIDEO Service Assy	AWV1819	AWV1819	Not used	Not used	
	15	SUB VIDEO Assy	Not used	Not used	AWV1806	AWV1806	
	16	IP Heat Sink S	ANH1572	ANH1572	Not used	Not used	
	17	IP Heat Sink M	ANH1571	ANH1571	Not used	Not used	
	18	IP Heat Sink Holder	AEC1850	AEC1850	Not used	Not used	
	26	BNC Assy	AWZ6464	AWZ6464	Not used	Not used	
	27	Screw	BCZ30P080FZK	BCZ30P080FZK	Not used	Not used	
	30	AUDIO Assy	AWZ6472	AWZ6472	AWZ6469	AWZ6469	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

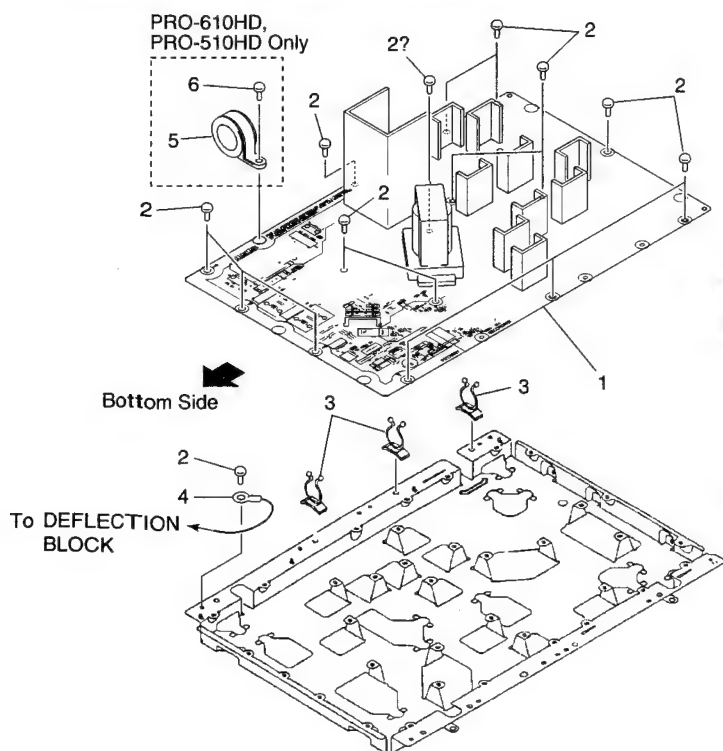
2.8 DEFLECTION BLOCK



DEFLECTION BLOCK PARTS LIST

Mark	No.	Description	Part No.
☆	1	DEFLECTION SERVICE Assy	AWV1809
	2	Screw	BBZ30P080FZK
	3	Screw	ABZ30P100FZK
	4	Screw	VBZ30P200FMC
NSP	5	Cable Clip D3S	AEC1782
NSP	6	Cable Clip D3M	AEC1783
NSP	7	Cable Clip	AEC1325
NSP	8	DF Chassis	ANA1583
	9	1P Laed Wire	ADX2505

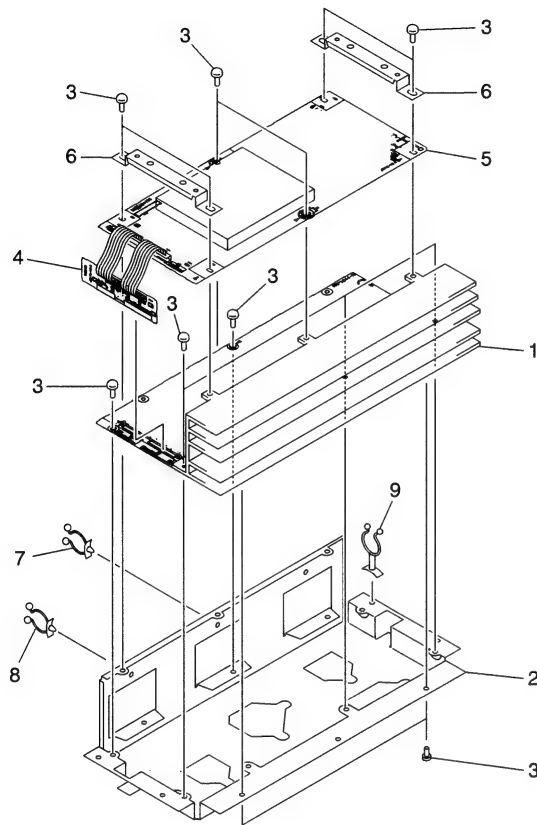
2.9 POWER SUPPLY BLOCK



POWER SUPPLY BLOCK PARTS LIST

Mark	No.	Description	Part No.
	1	POWER SUPPLY Assy (for PRO-610HD, PRO-510HD)	AWV1795
	1	POWER SUPPLY Assy (for SD-582HD5, SD-532HD5)	AWV1808
	2	Screw	BBZ30P080FZK
NSP	3	Cable Clip D3M	AEC1783
	4	1P Laed Wire	ADX2505
	5	Ferrite Core (PRO-610HD, PRO-510HD only)	ATX1033
	6	Screw (PRO-610HD, PRO-510HD only)	ABZ30P100FZK

2.10 CONV. AMP BLOCK



■ CONV. AMP BLOCK PARTS LIST

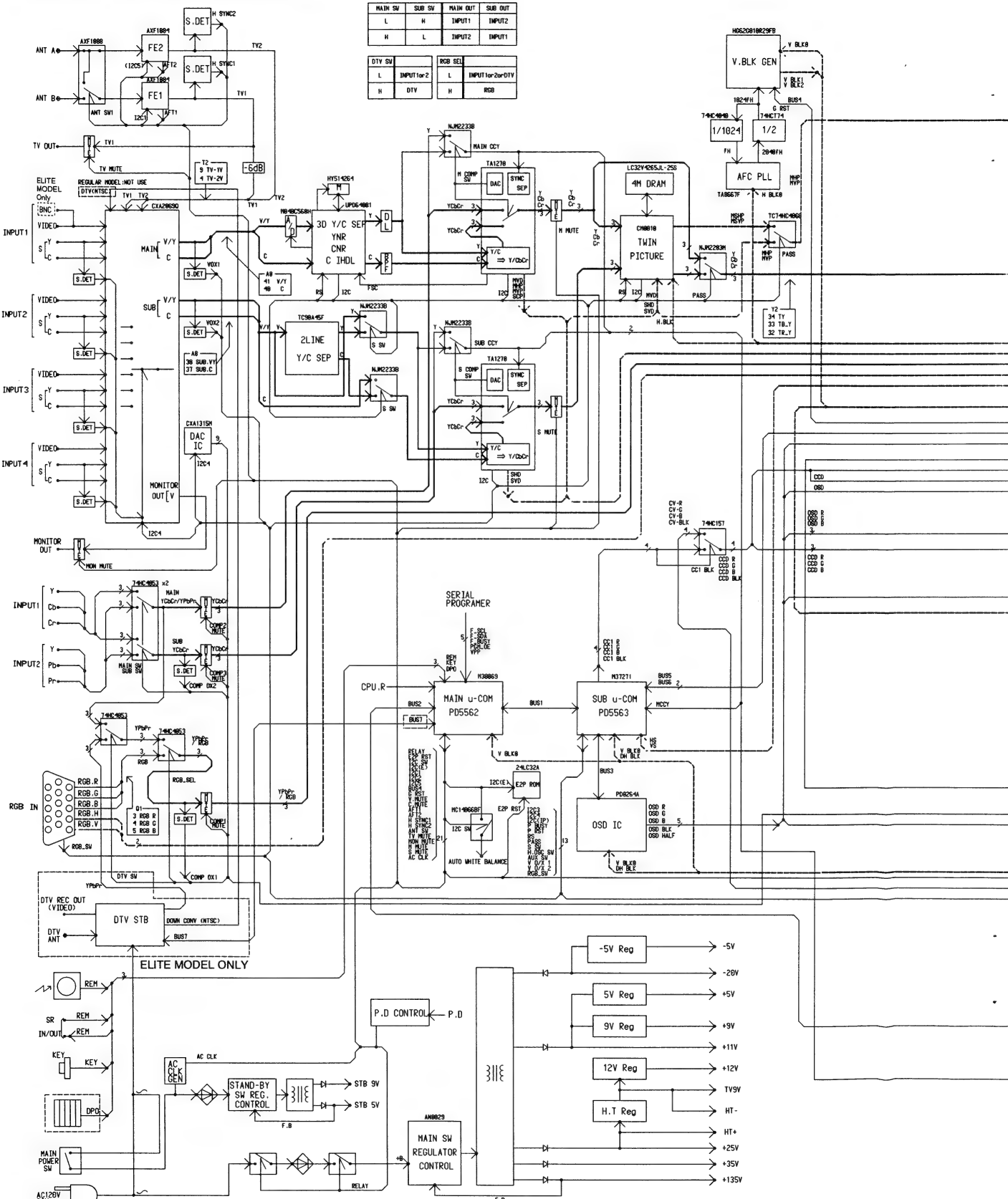
Mark	No.	Description	Part No.
NSP	1	CONV. AMP Assy	AWZ6456
	2	CONV. Chassis	ANA1619
	3	Screw	ABZ30P100FMC
	4	CONNECTOR Assy	AWZ6461
	5	DIGITAL CONV. ASSY	AWZ6460
NSP	6	CONV. Holder	ANG2365
NSP	7	Cable Clip D3M	AEC1783
NSP	8	Cable Clip D3S	AEC1782
	9	Cable Clip	AEC1806

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM

3.1 BLOCK DIAGRAM

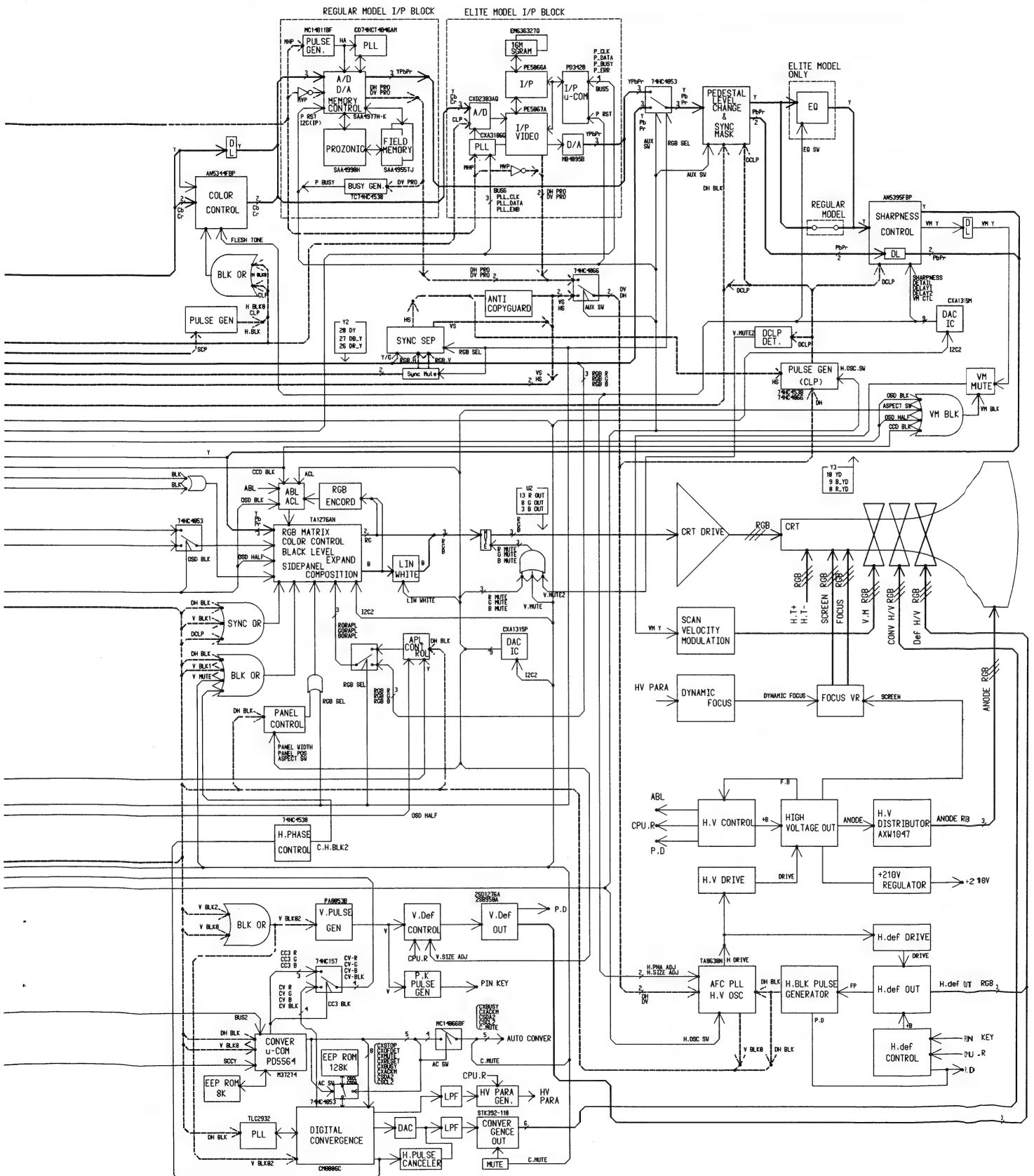
3.1.1 OVERALL BLOCK DIAGRAM



5 6 7 8

PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

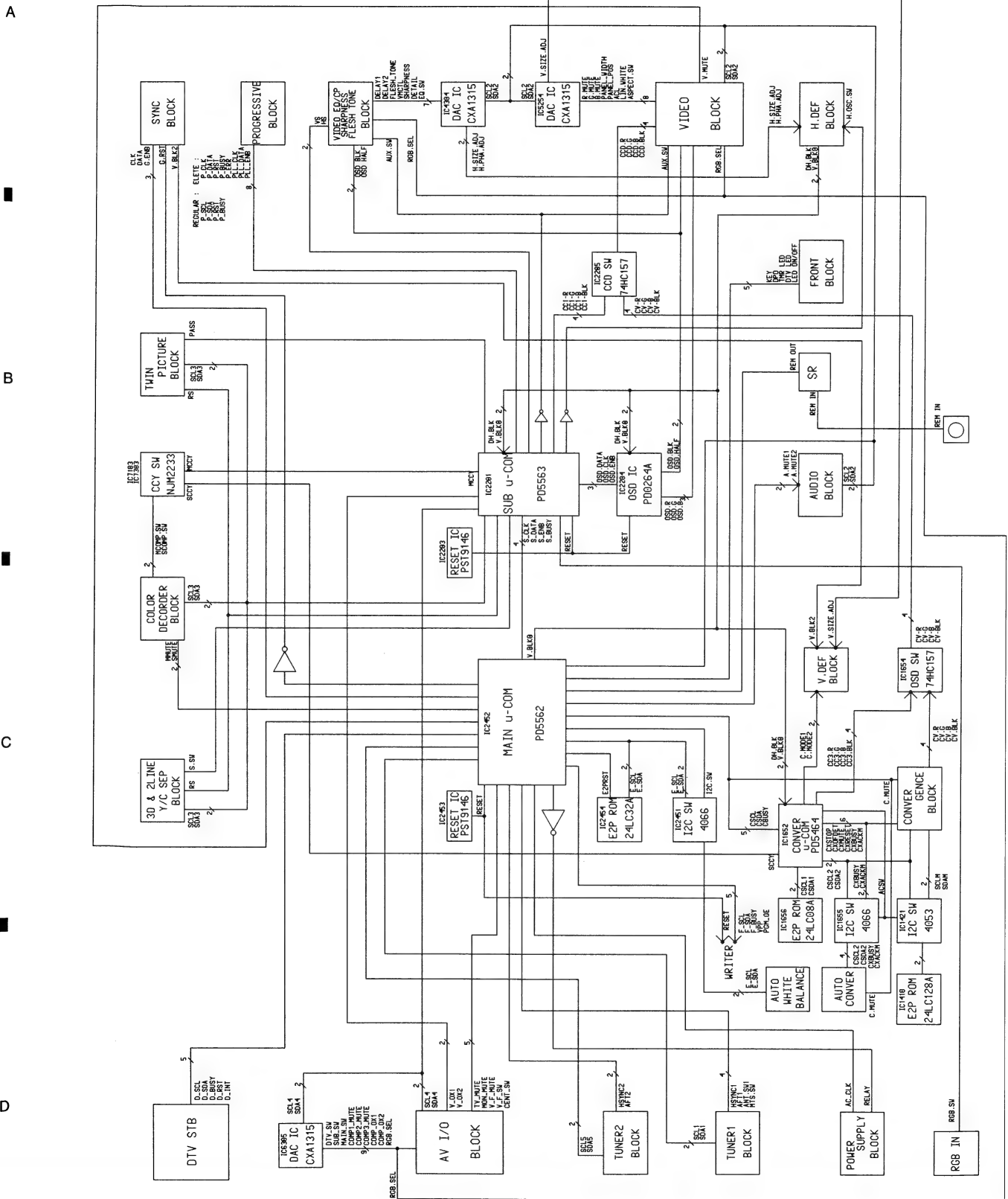
Note : Model names indicated by "ELITE" and "REGULAR" are as follows:
ELITE : PRO-610HD and PRO-510HD, **REGULAR :** SD-582HD5 and SD-532HD5



1 ■ 2 ■ 3 ■ 4 ■

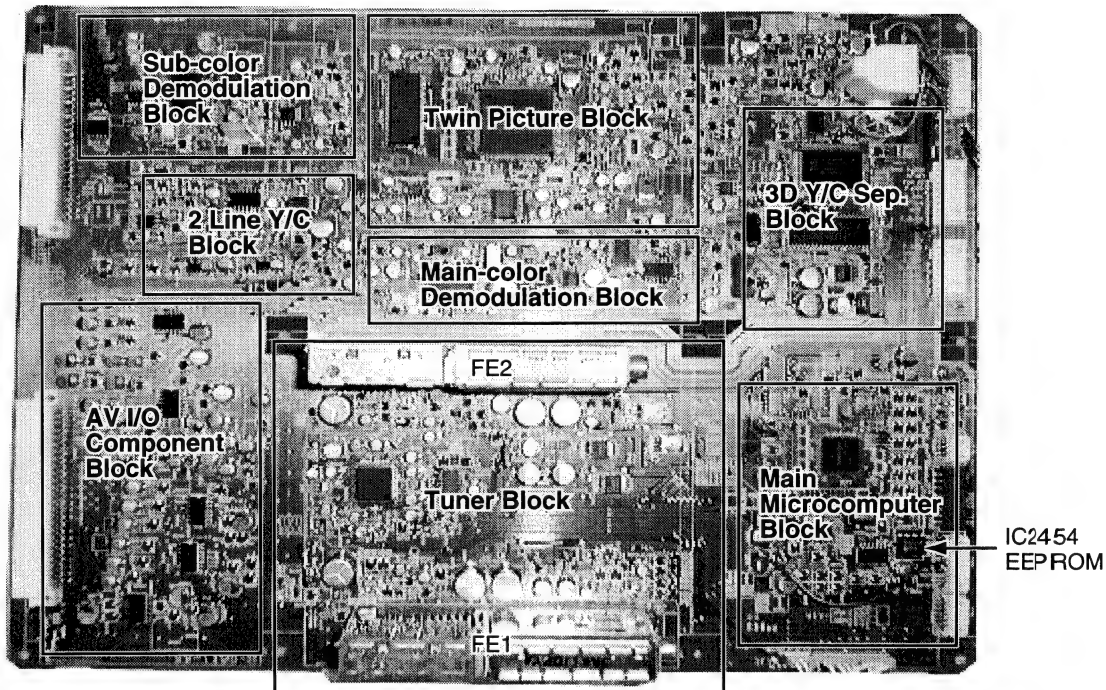
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.1.2 CONTROL BLOCK

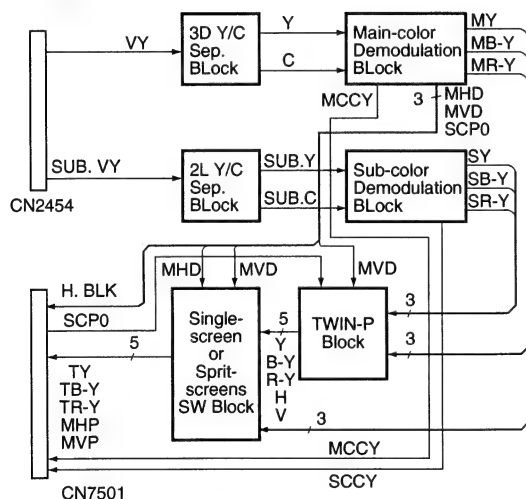


3.1.3 SIGNAL BLOCK

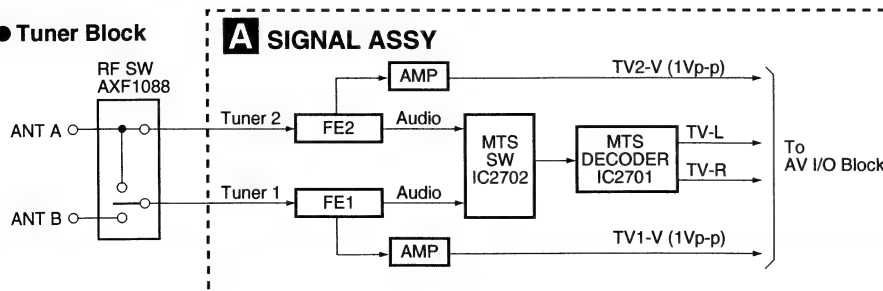
A SIGNAL ASSY



● Video Block



● Tuner Block

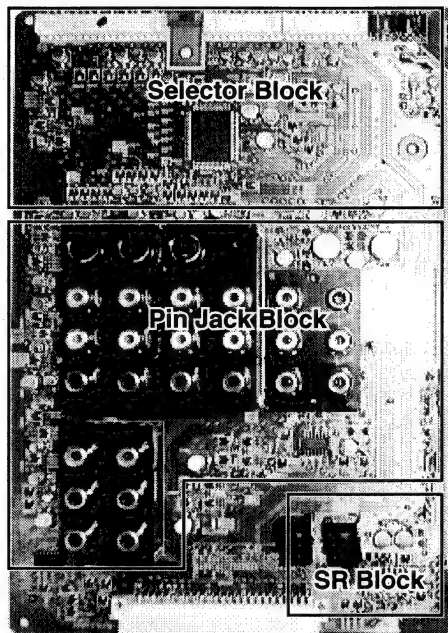


Note :
Main picture is able to receive the ANT A and B.
Sub picture is able to receive the ANT A only.

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

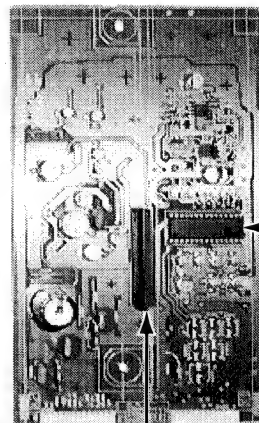
3.1.4 AV I/O and AUDIO ASSYS

B AV I/O ASSY



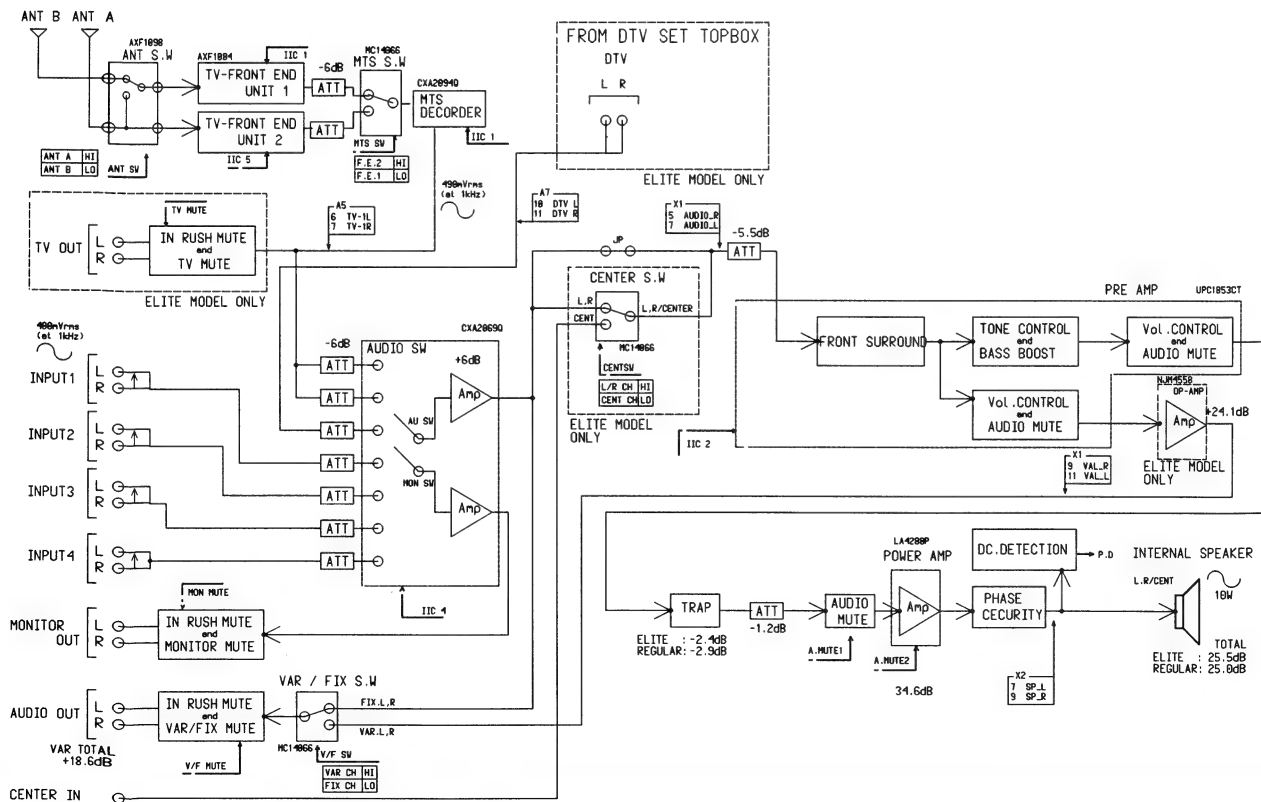
NOTE) The AUDIO Assy show the state without the heat sink.
Please attach the heat sink when you install the AUDIO Assy.

G AUDIO ASSY



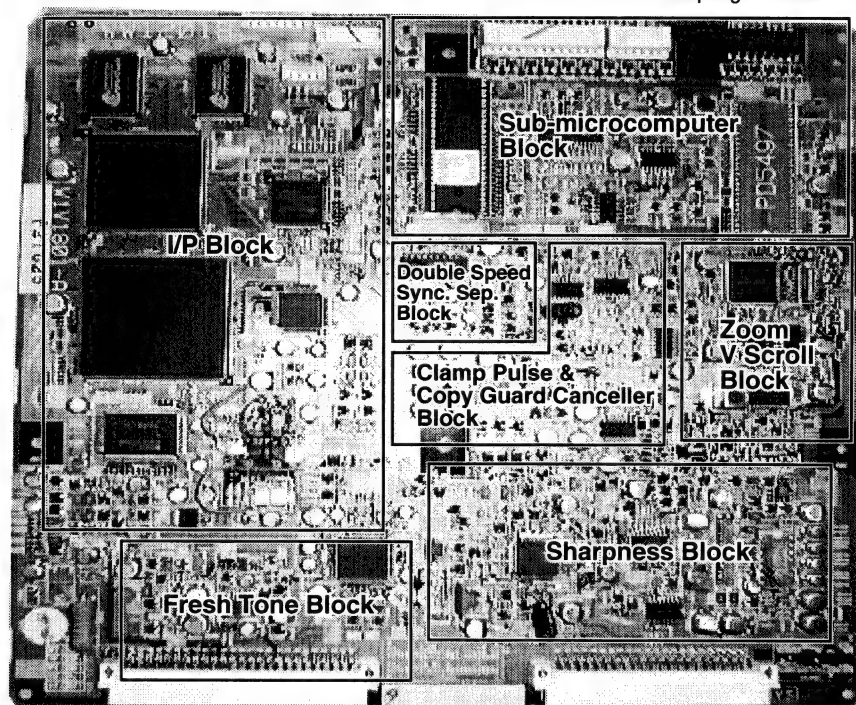
PRE AMP IC
IC1201

POWER AMP IC
IC1202

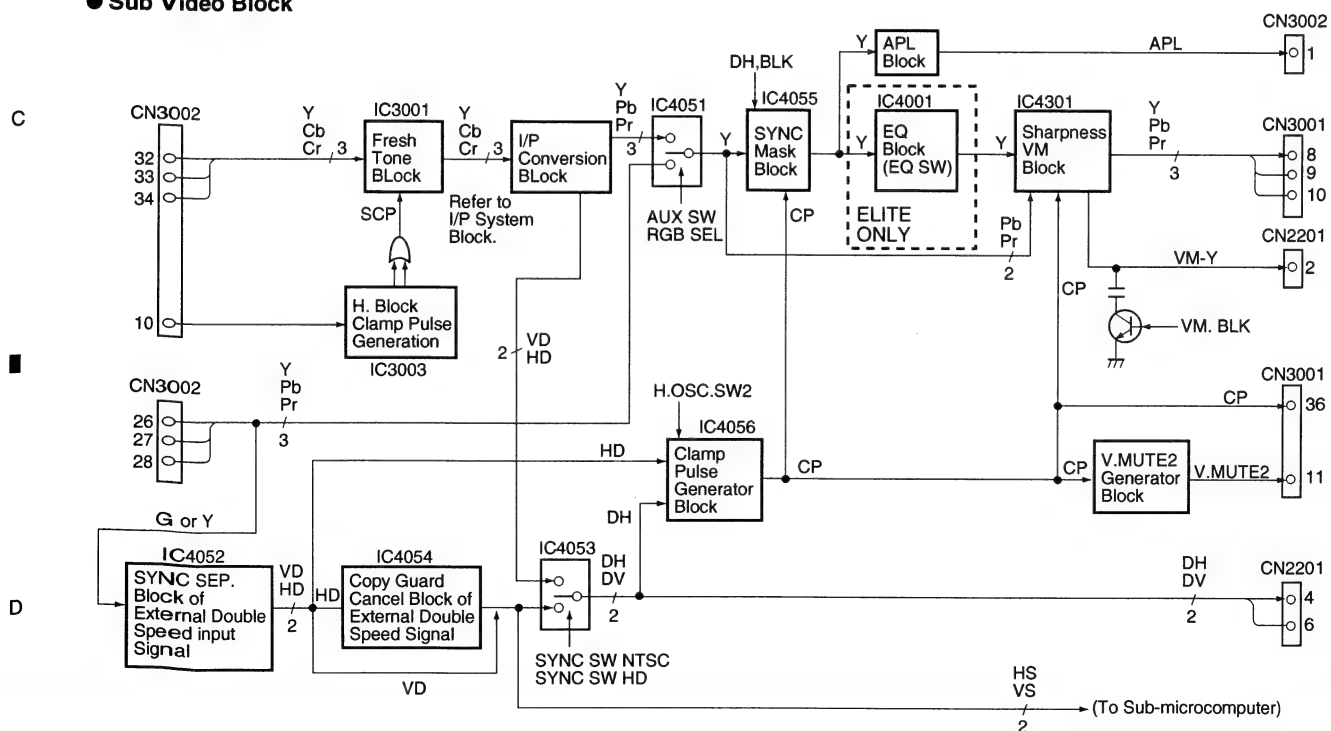


3.1.6 SUB VIDEO ASSY

Note : SUB VIDEO ASSY of the REGULAR model is the same as that of the ELITE model excepting I/P Block.

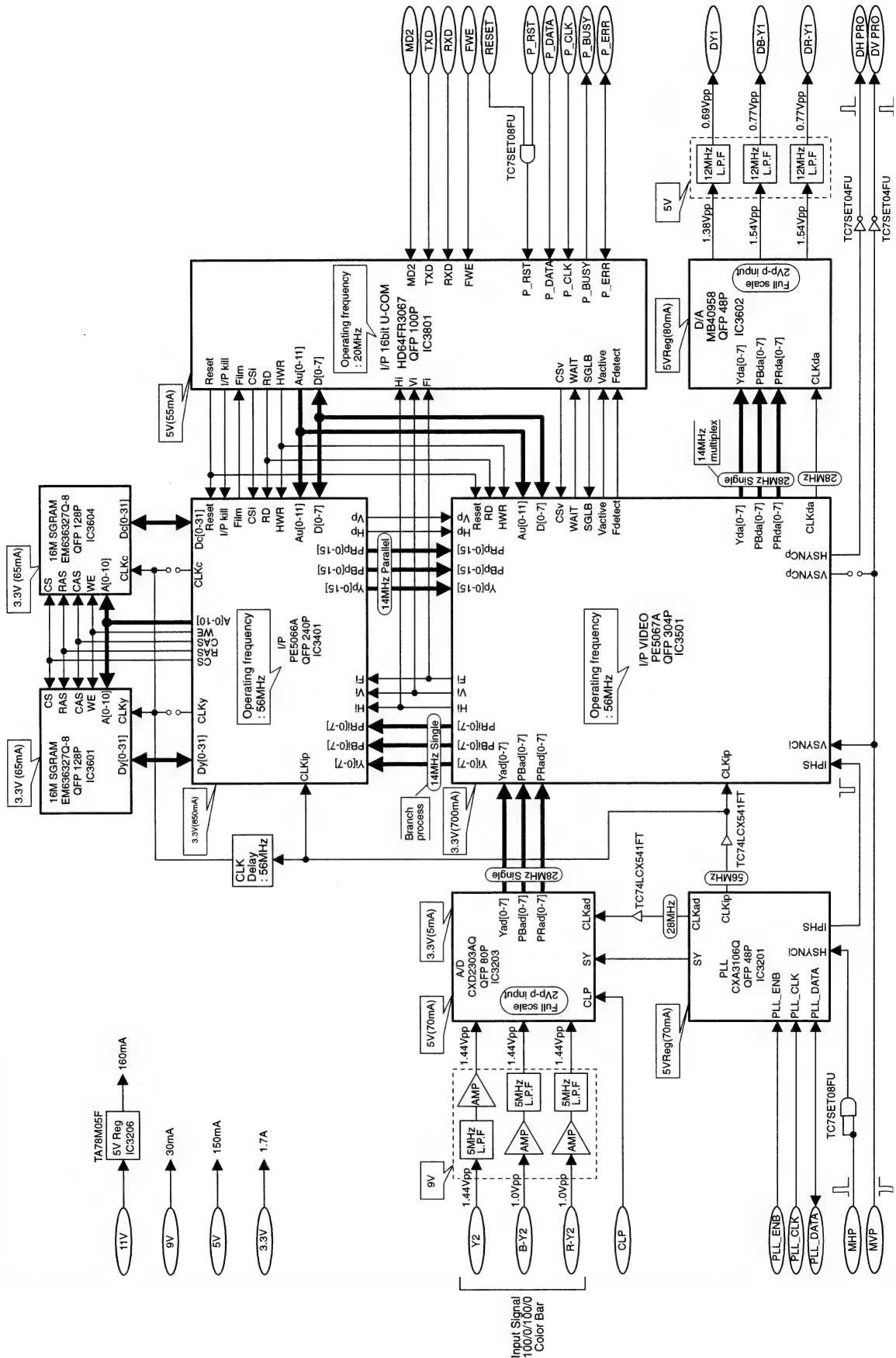


● Sub Video Block



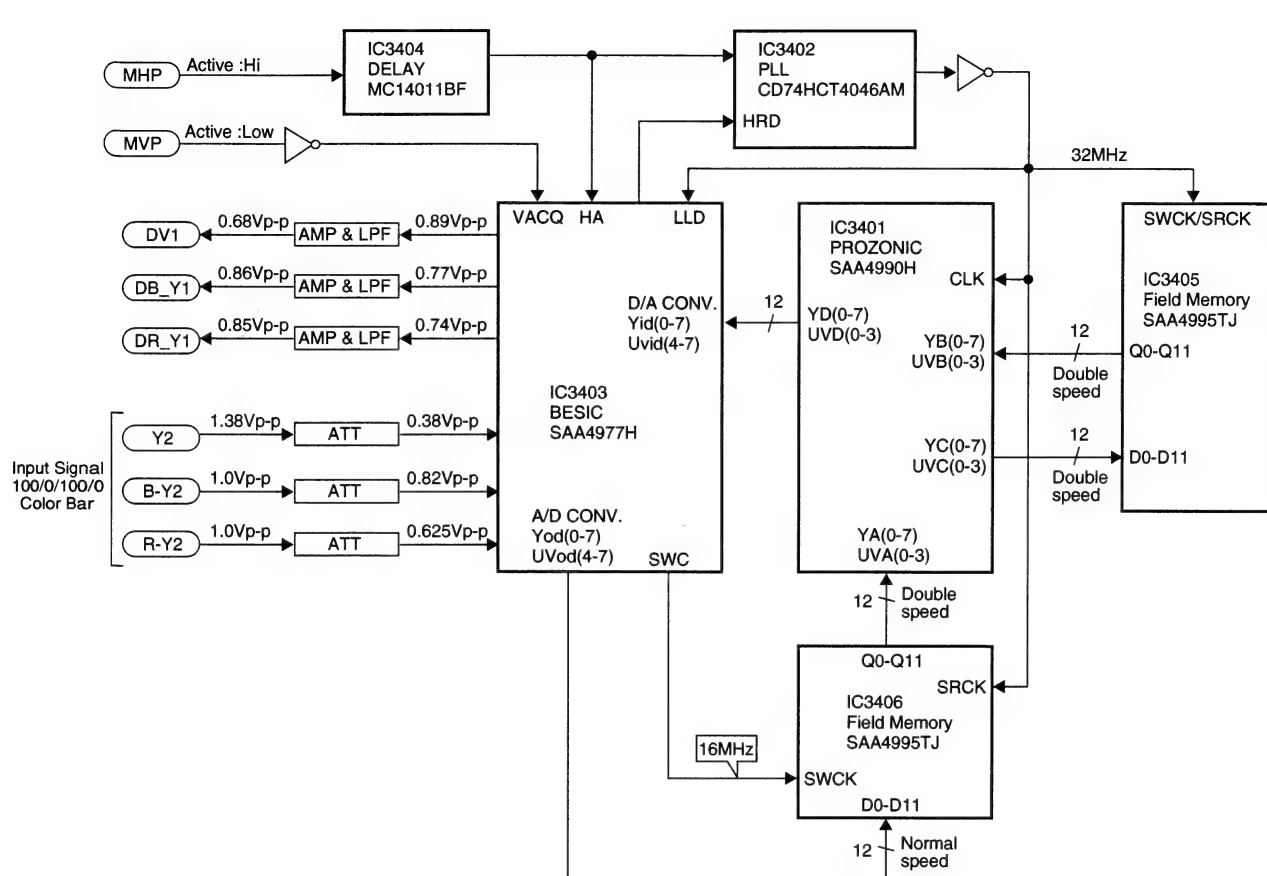
PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

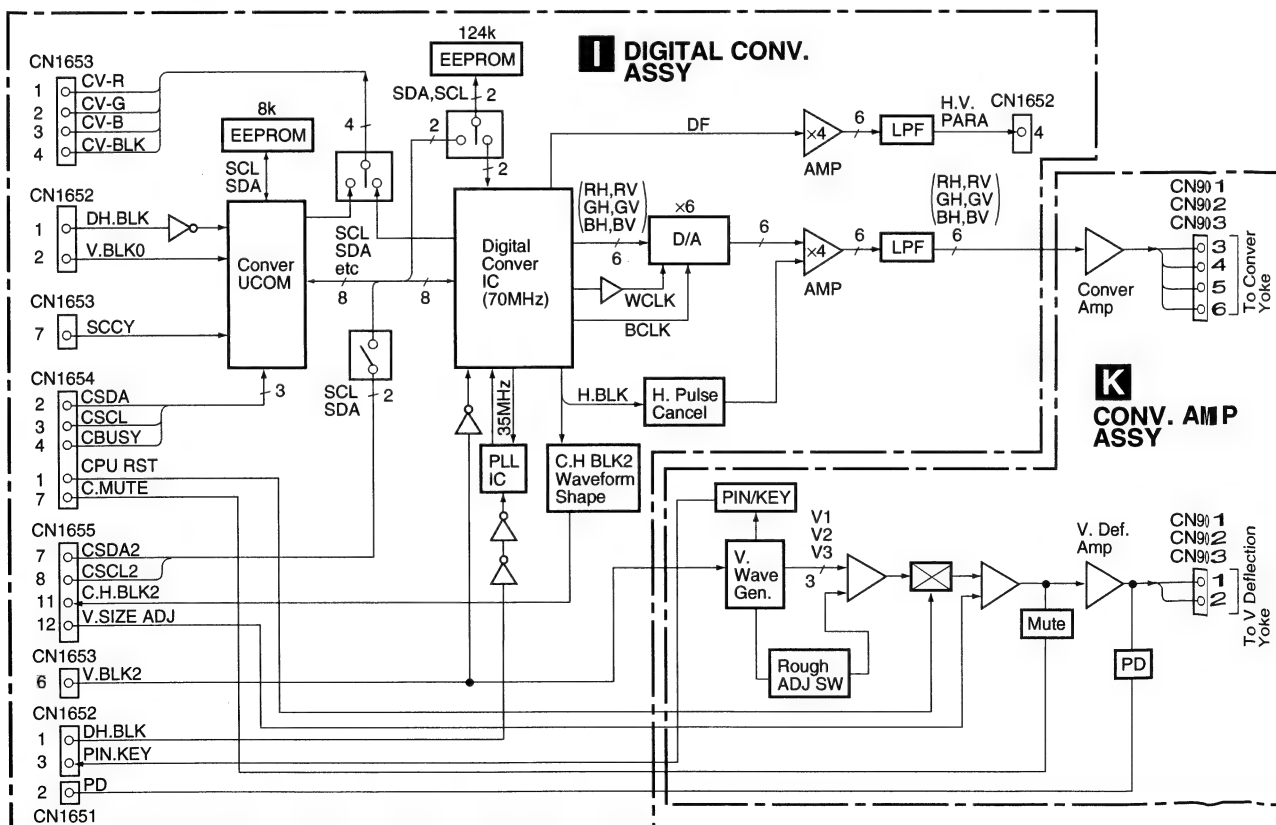
● I/P System Block (ELITE)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

● I/P System Block (REGULAR)

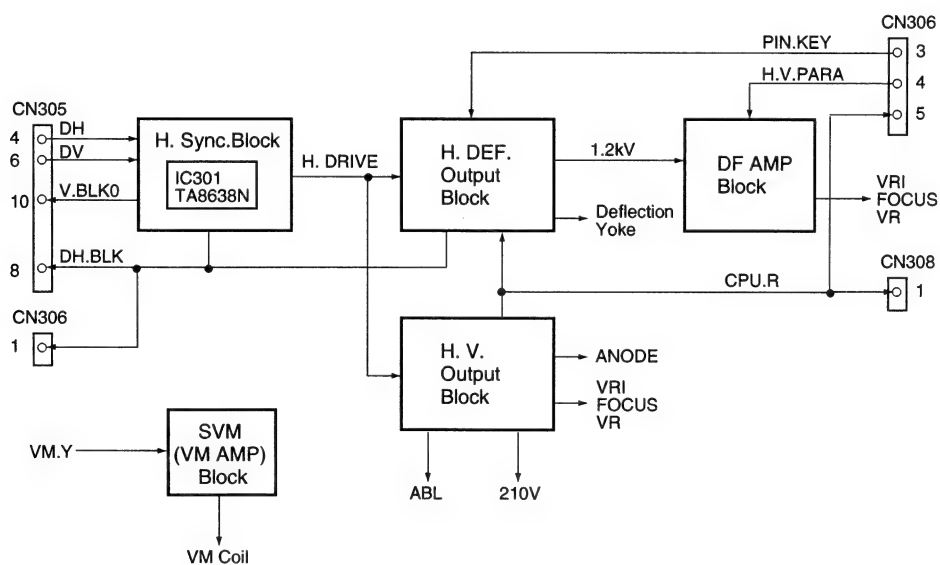
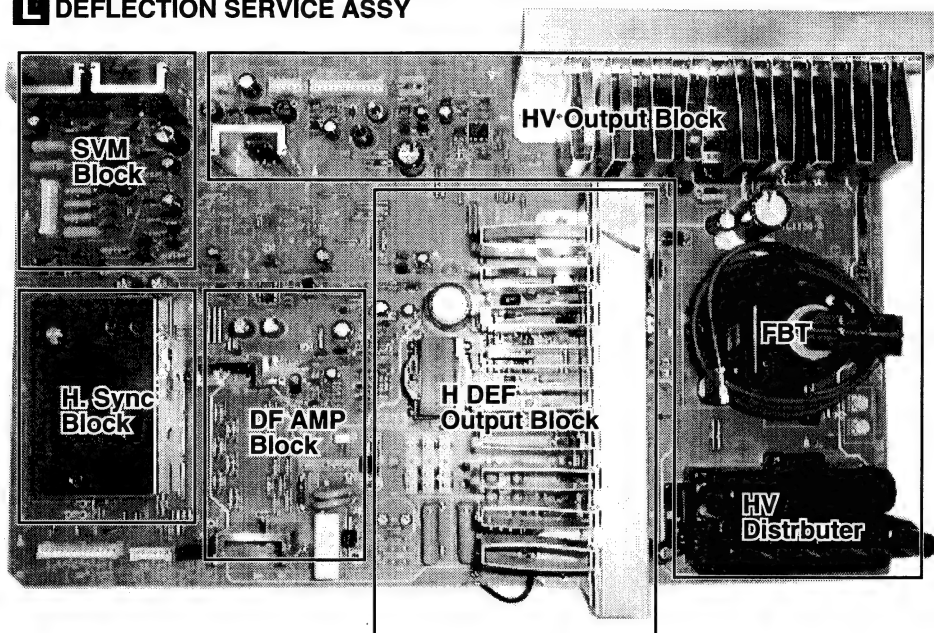




PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

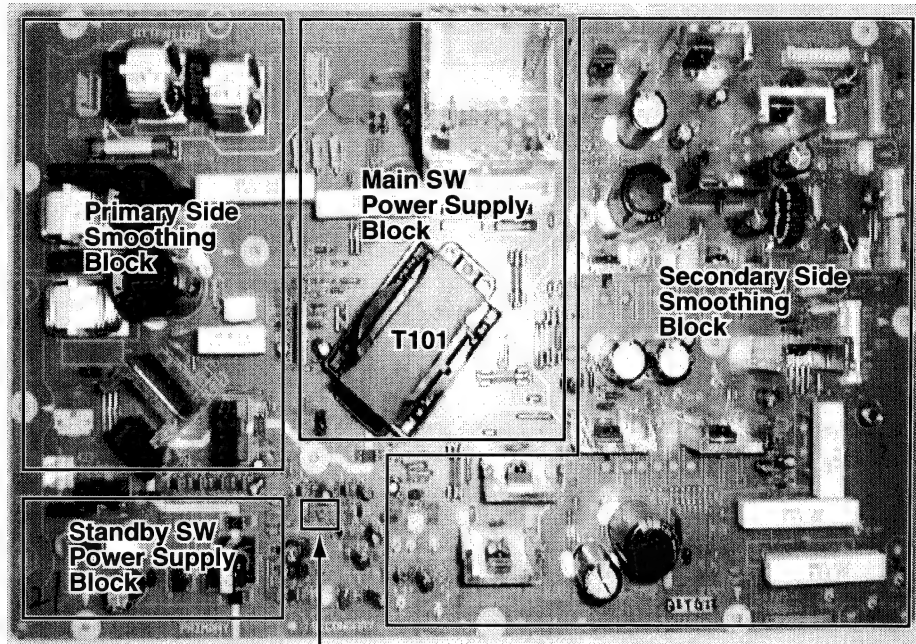
3.1.8 DEFLECTION SERVICE ASSY

DEFLECTION SERVICE ASSY

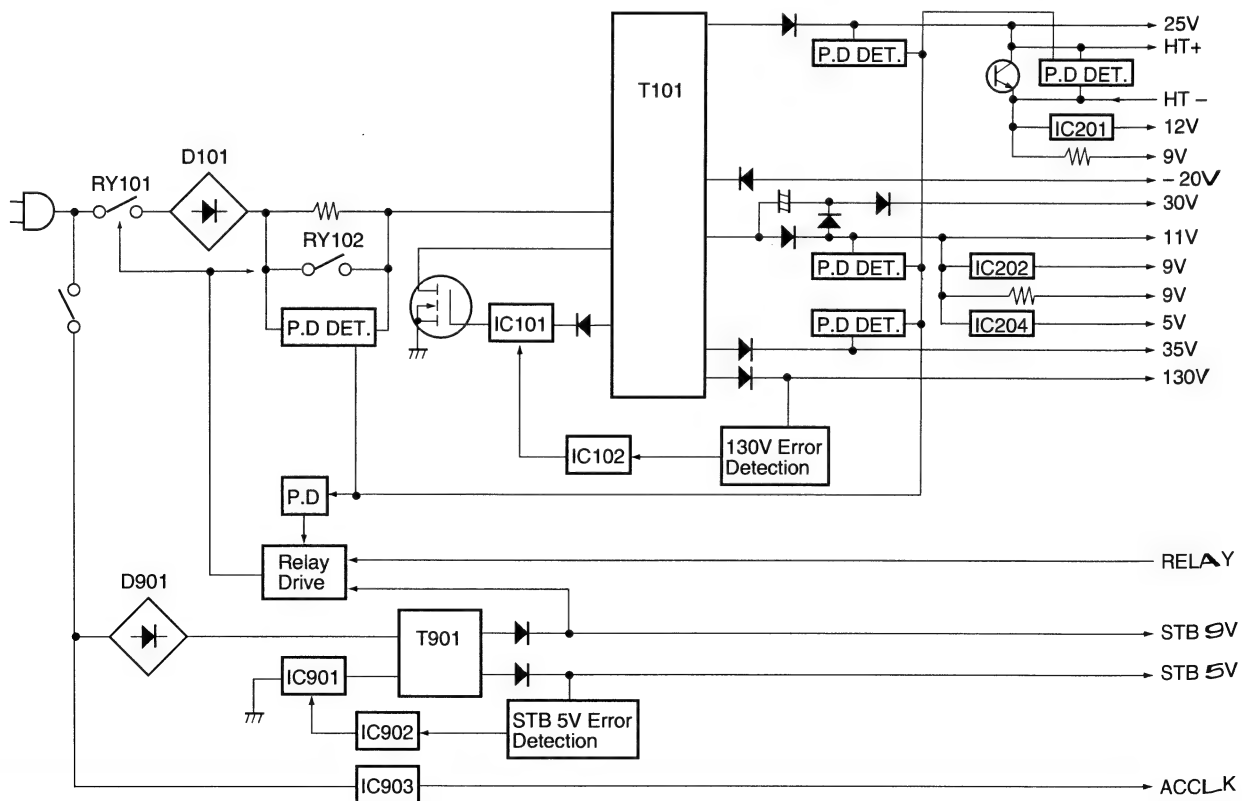


3.1.9 POWER SUPPLY SERVICE ASSY

P POWER SUPPLY SERVICE ASSY



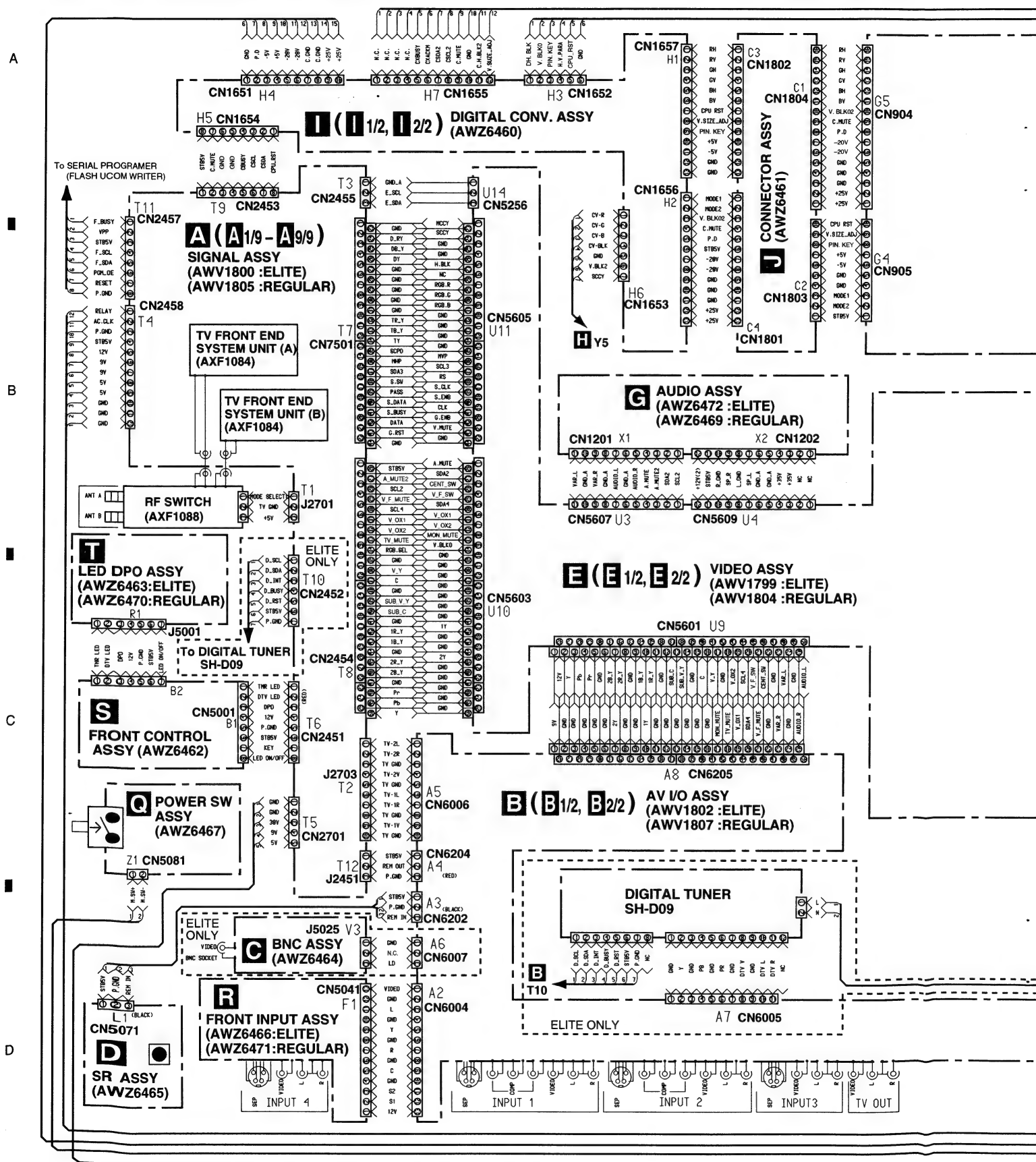
D923
(PD LED)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.2 OVERALL CONNECTION DIAGRAM

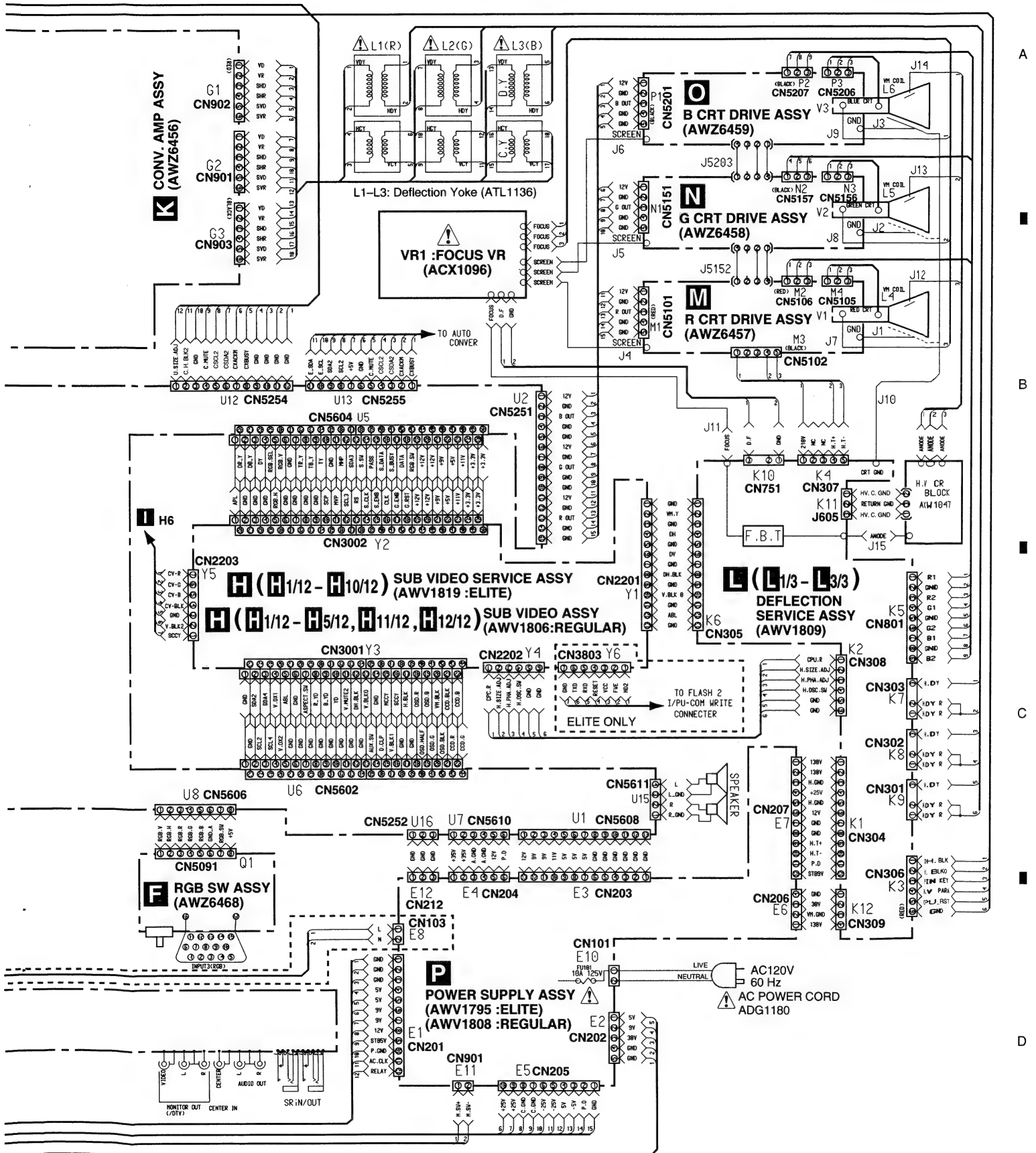
Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

Note : Model names indicated by "ELITE" and "REGULAR" are as follows:

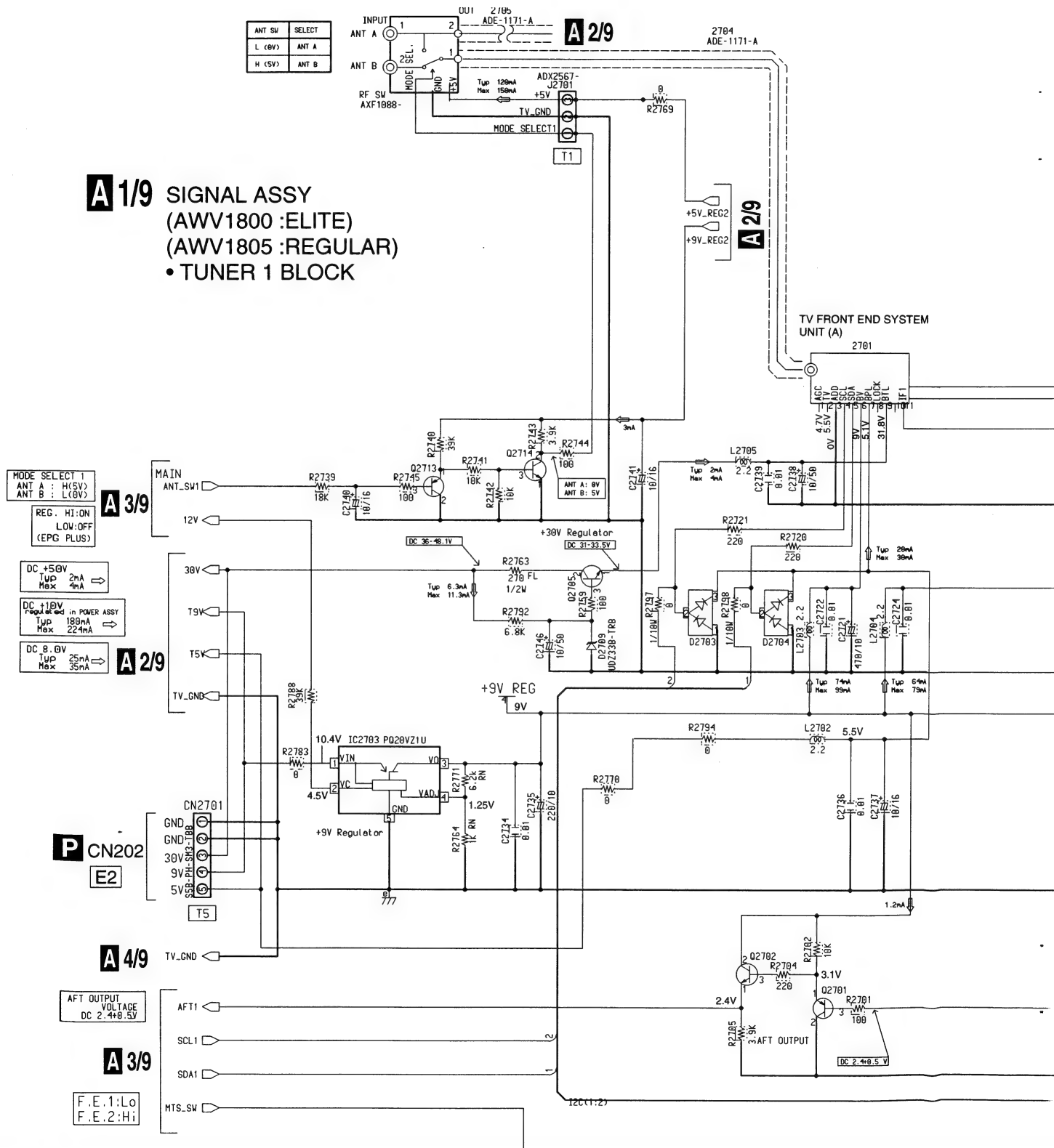
ELITE : PRO-610HD and PRO-510HD, REGULAR : SD-582HD5 and SD-532HD5



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.3 SIGNAL ASSY (1/9)

A 1/9 SIGNAL ASSY (AWV1800 :ELITE) (AWV1805 :REGULAR) • TUNER 1 BLOCK



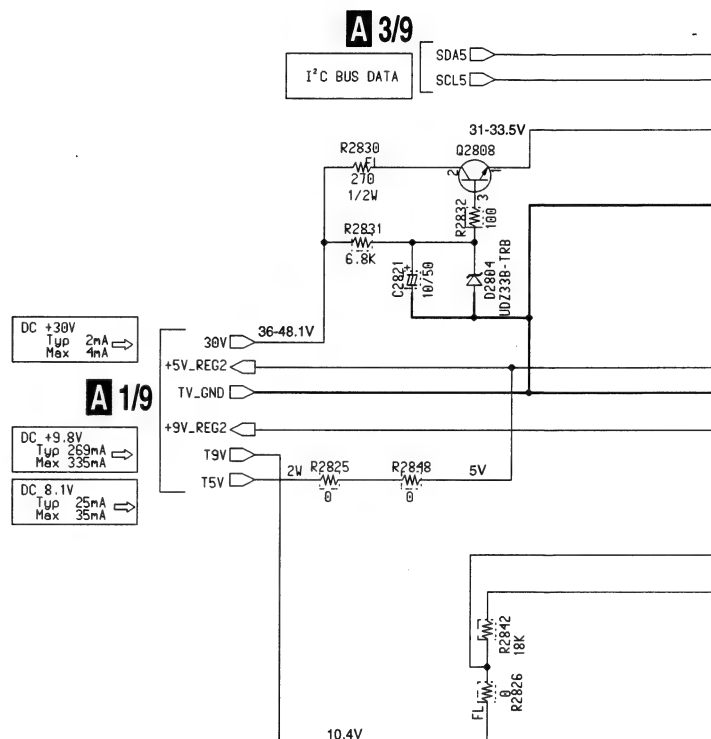
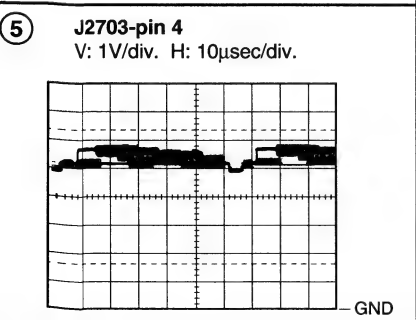
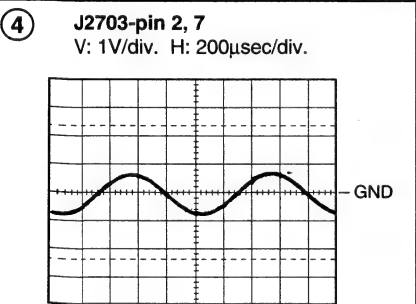
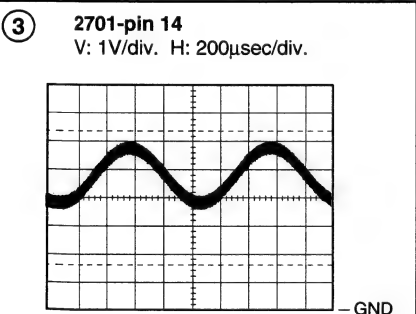
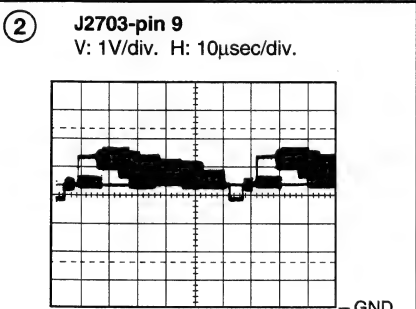
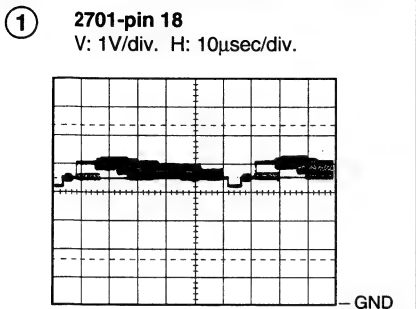
37

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.4 SIGNAL ASSY (2/9)

A 1/9 SIGNAL ASSY (1/9)

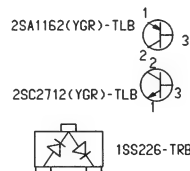
Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range :DC range (Unless otherwise noted)



(TV2) ➡ : VIDEO SIGNAL ROUTE (TV2)
(C) ➡ : COMPOSITE AUDIO SIGNAL ROUTE



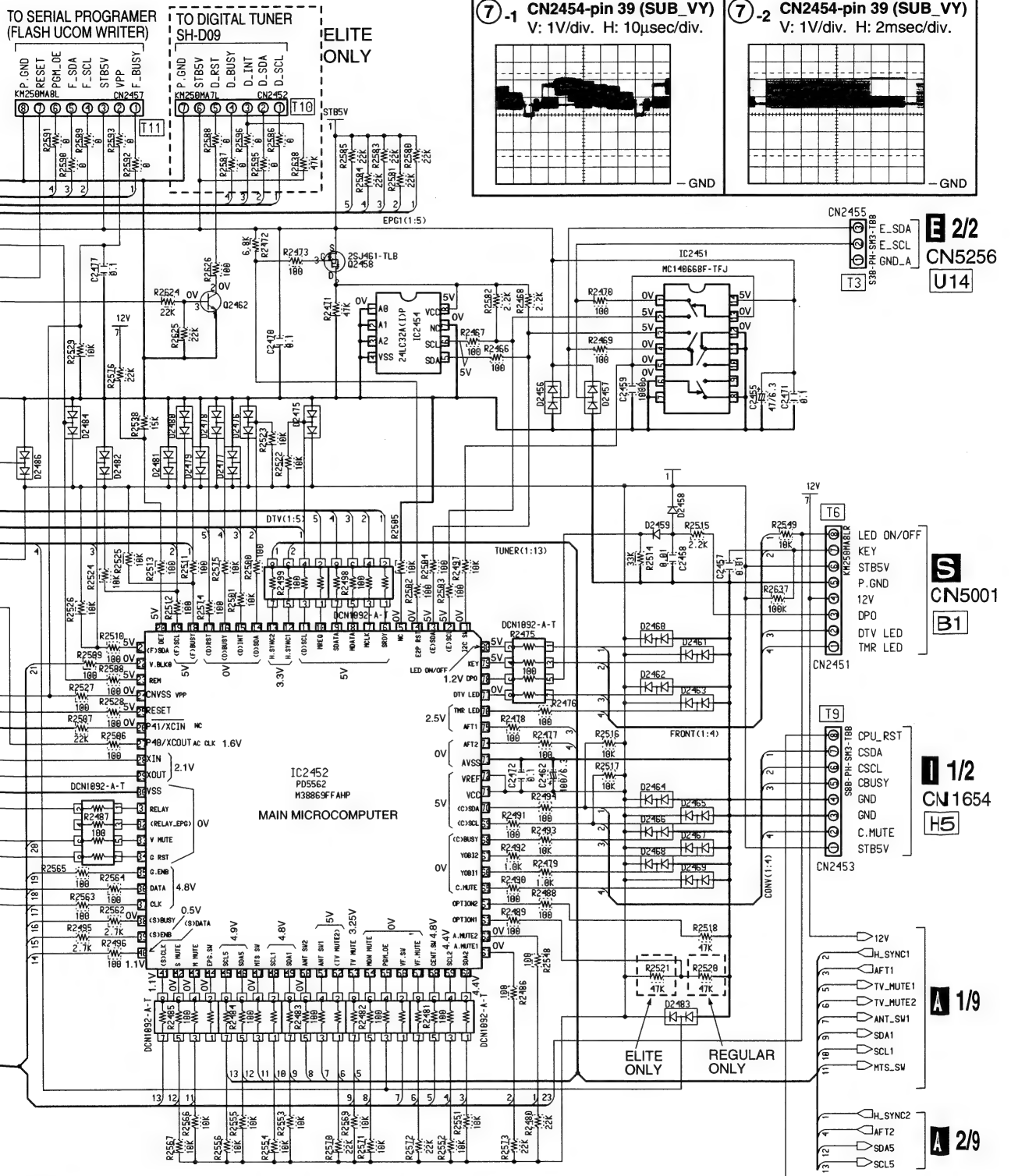
- 1.RESISTERS indicated in 1/2W,1/4W,1/10W,1WFL,2WFL 5% tolerance unless otherwise noted K: $\text{K}\Omega$, M: $\text{M}\Omega$ (F)+1%, (G)+2%, (K)+10%, (H)+20% tolerance
- 2.CAPACITORS indicated in capacity (μF)/(V) unless otherwise noted pF indicated without voltage is 50V except electrolytic capacitor



3.5 SIGNAL ASSY (3/9)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



Notes
 1. RESISTORS
 Indicated in \square
 Tolerance unless otherwise noted k \square
 2. CAPACITORS
 Indicated in capacity(uF)/Voltage unless
 otherwise noted p pF
 Indication without voltage is 50V
 except electrolytic capacitor.

\square 2SC2712(YGR)-TLB
 \square 2SA1162(YGR)-TLB
 \square 1SS352-TRB
 \square 1SS226-TRB

SUB SUFFIX									
1	2	3	4	5	6	7	8	9	0
R2691	R2692	R2693	R2694	R2695	R2696	R2697	R2698	R2699	R2700
FW	FW	FW	FW	FW	FW	FW	FW	FW	FW
R2698	R2699	R2700	R2701	R2702	R2703	R2704	R2705	R2706	R2707
FW	FW	FW	FW	FW	FW	FW	FW	FW	FW

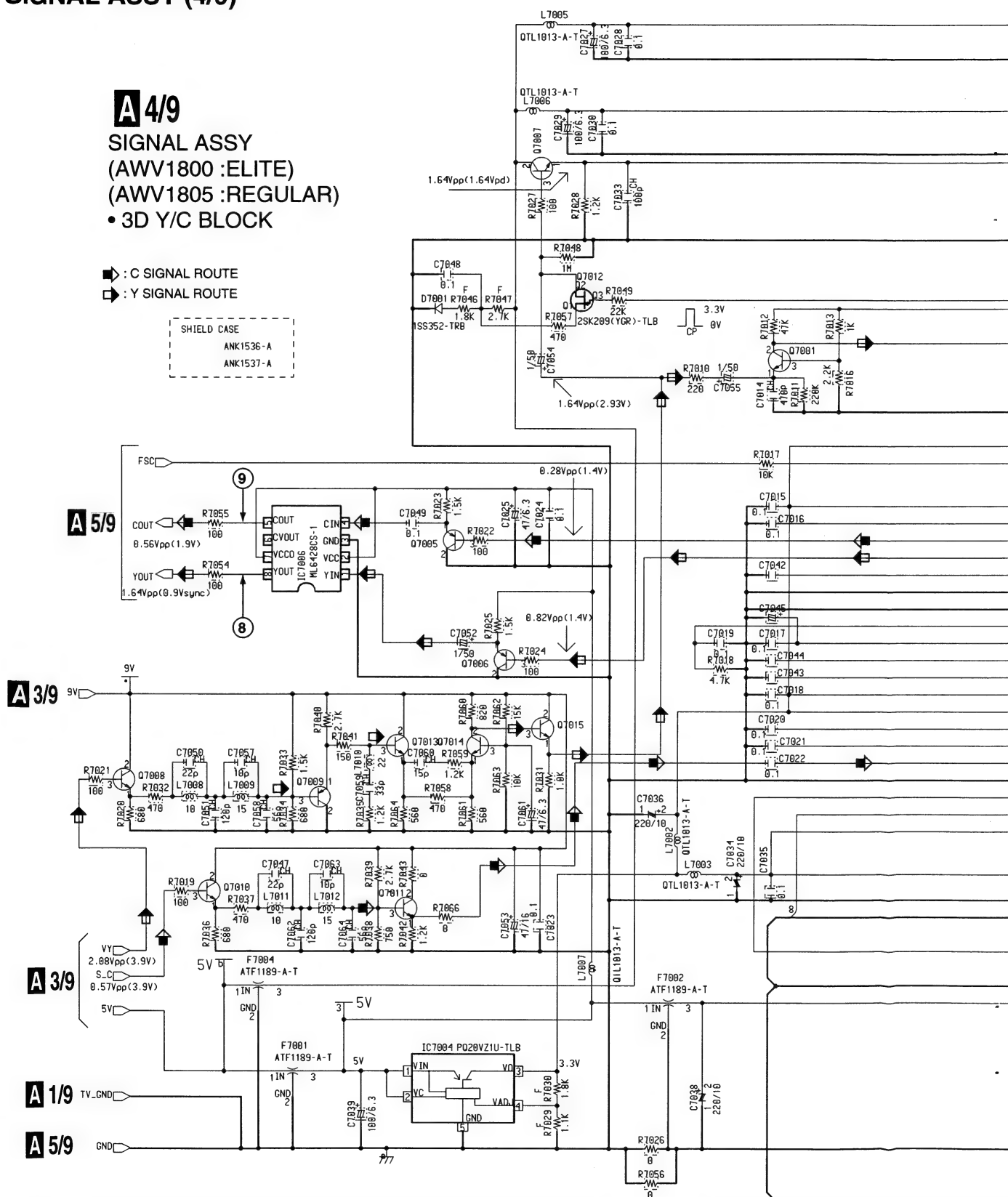
\blacktriangleright : C SIGNAL ROUTE
 \blacktriangleleft : Y SIGNAL ROUTE

A 3/9 41

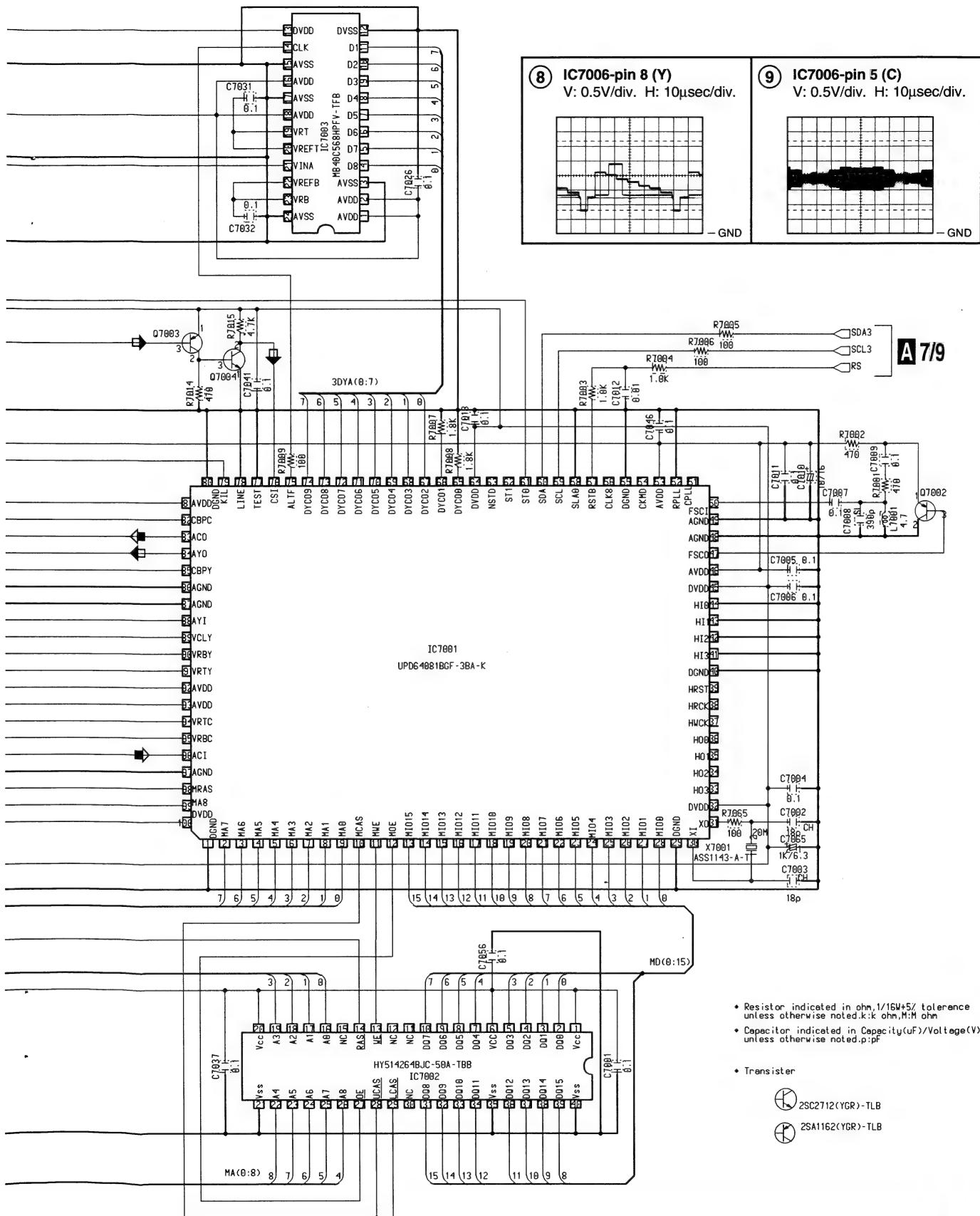
3.6 SIGNAL ASSY (4/9)

SIGNAL ASSY
(AWV1800 :ELITE)
(AWV1805 :REGULAR)
• 3D Y/C BLOCK

SHIELD CASE
ANK1536-A
ANK1537-A

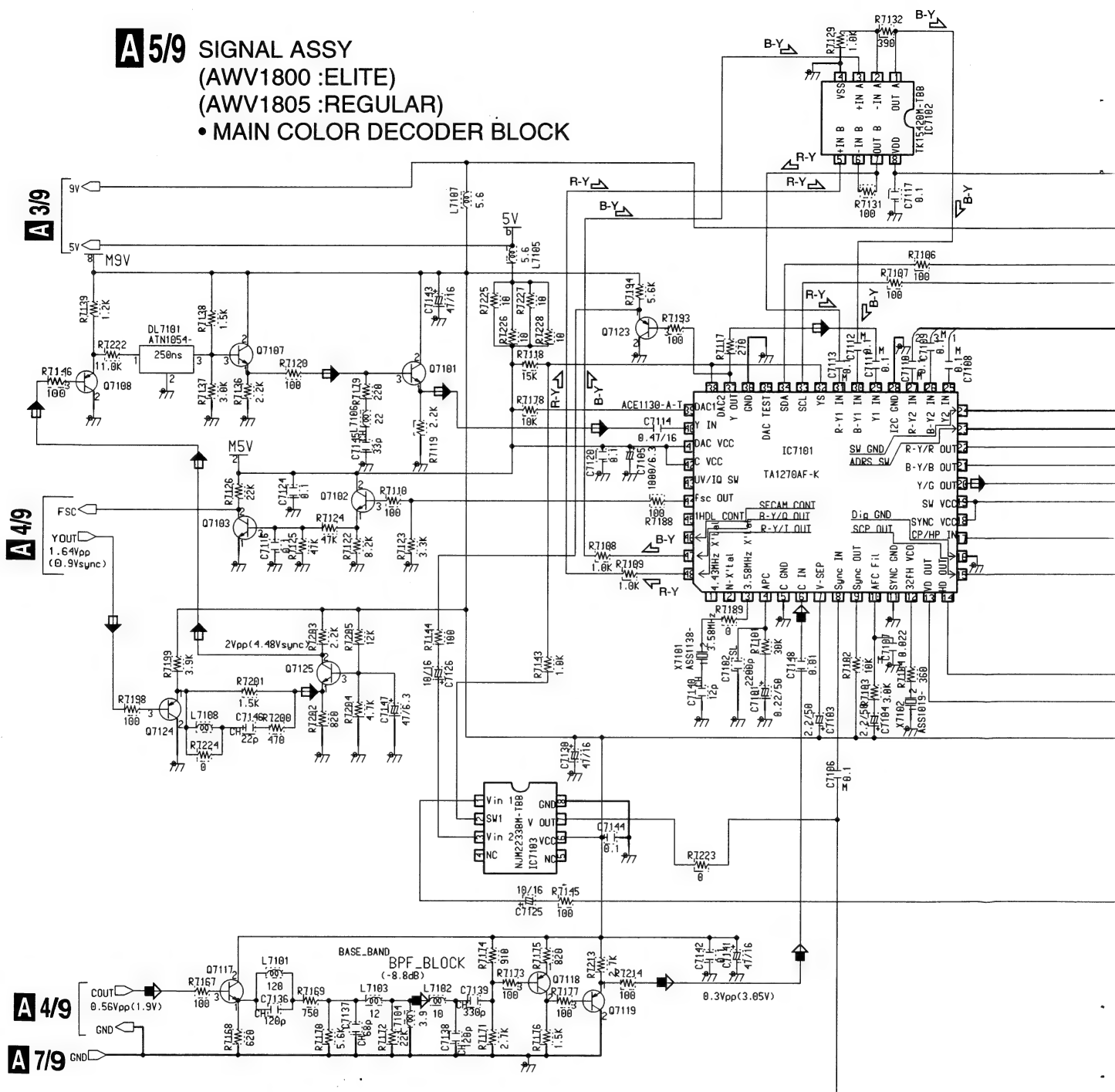


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



3.7 SIGNAL ASSY (5/9)

A 5/9 SIGNAL ASSY (AWV1800 :ELITE) (AWV1805 :REGULAR) • MAIN COLOR DECODER BLOCK



• Resistor indicated in ohm, 1/16W±5% tolerance unless otherwise noted; k:k ohm, M:M ohm
• Capacitor indicated in Capacitance(uF)/Voltage(V) unless otherwise noted; p:pF

• Transistor

2SC2712(YGR)-TLB

2SA1162(YGR)-TLB

1/16W

◆ : C SIGNAL ROUTE
▶ : Y SIGNAL ROUTE
R-Y : R-Y SIGNAL ROUTE
B-Y : B-Y SIGNAL ROUTE

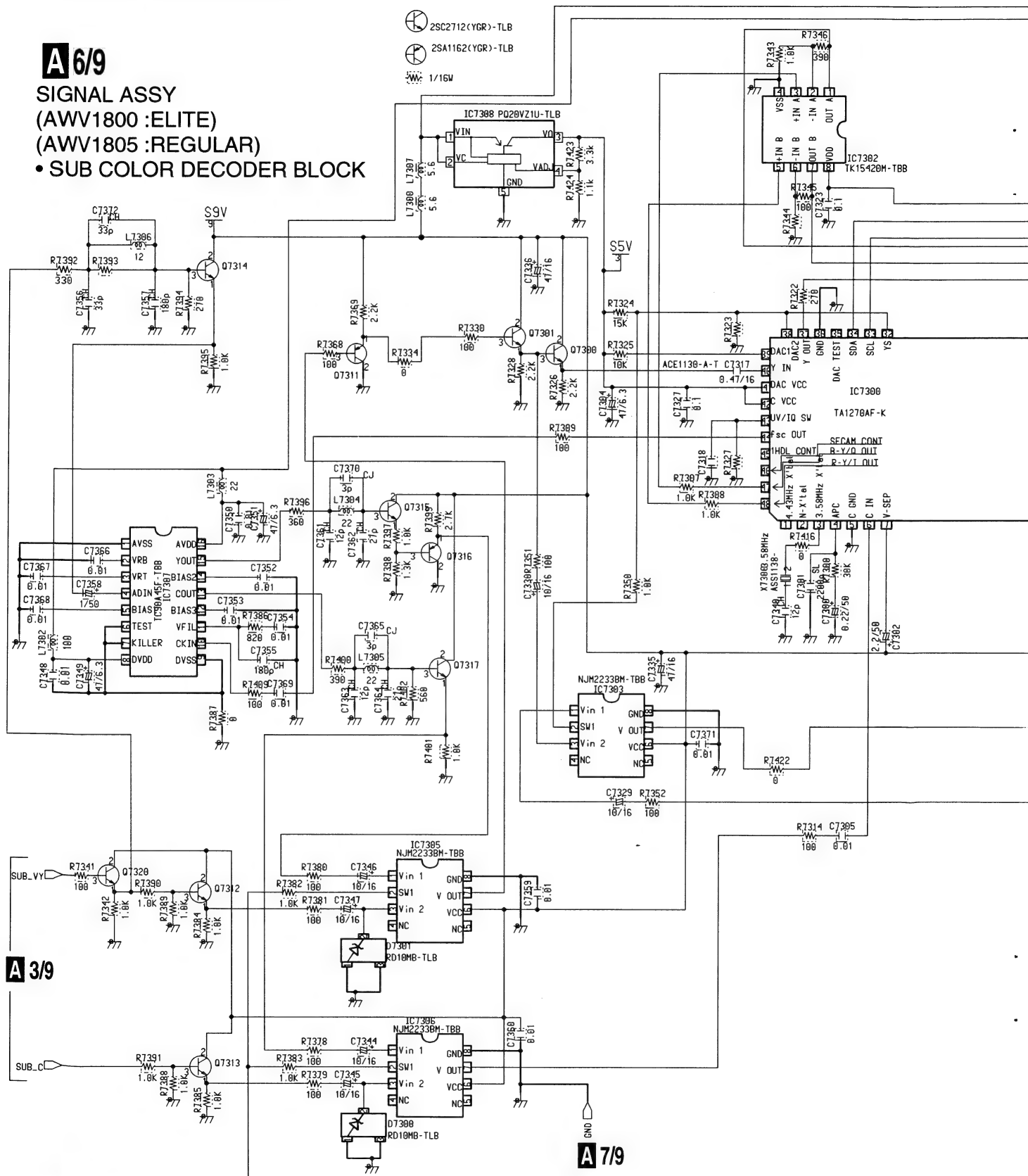
3.8 SIGNAL ASSY (6/9)

SIGNAL ASSY

(AWV1800 :ELITE)

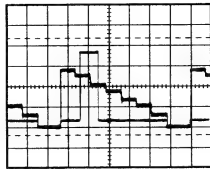
(AWV1805 :REGULAR)

- SUB COLOR DECODER BLOCK

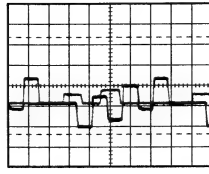


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

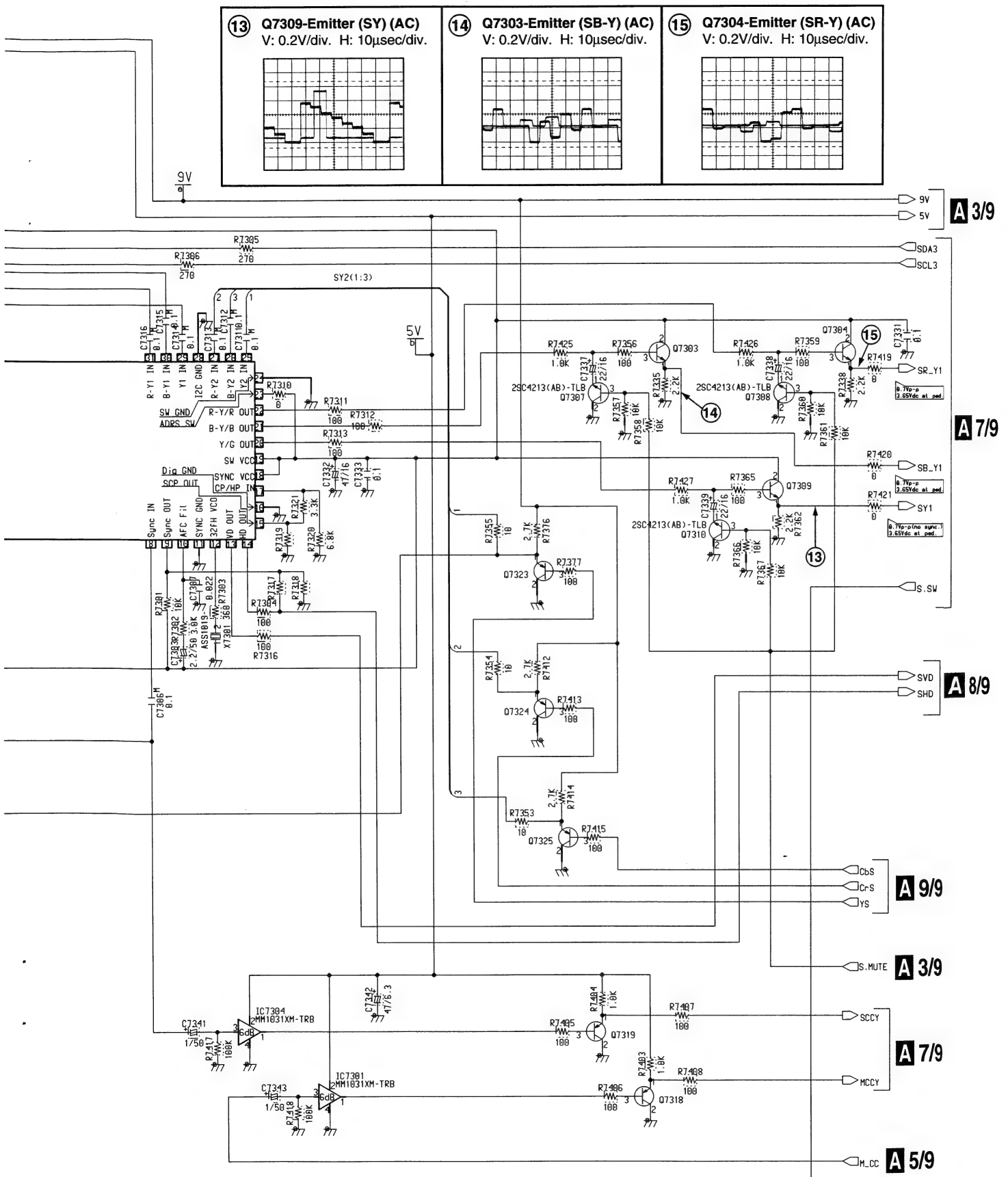
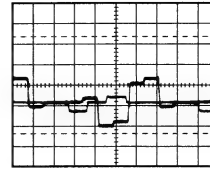
13 Q7309-Emitter (SY) (AC)
V: 0.2V/div. H: 10µsec/div.



14 Q7303-Emitter (SB-Y) (AC)
V: 0.2V/div. H: 10µsec/div.



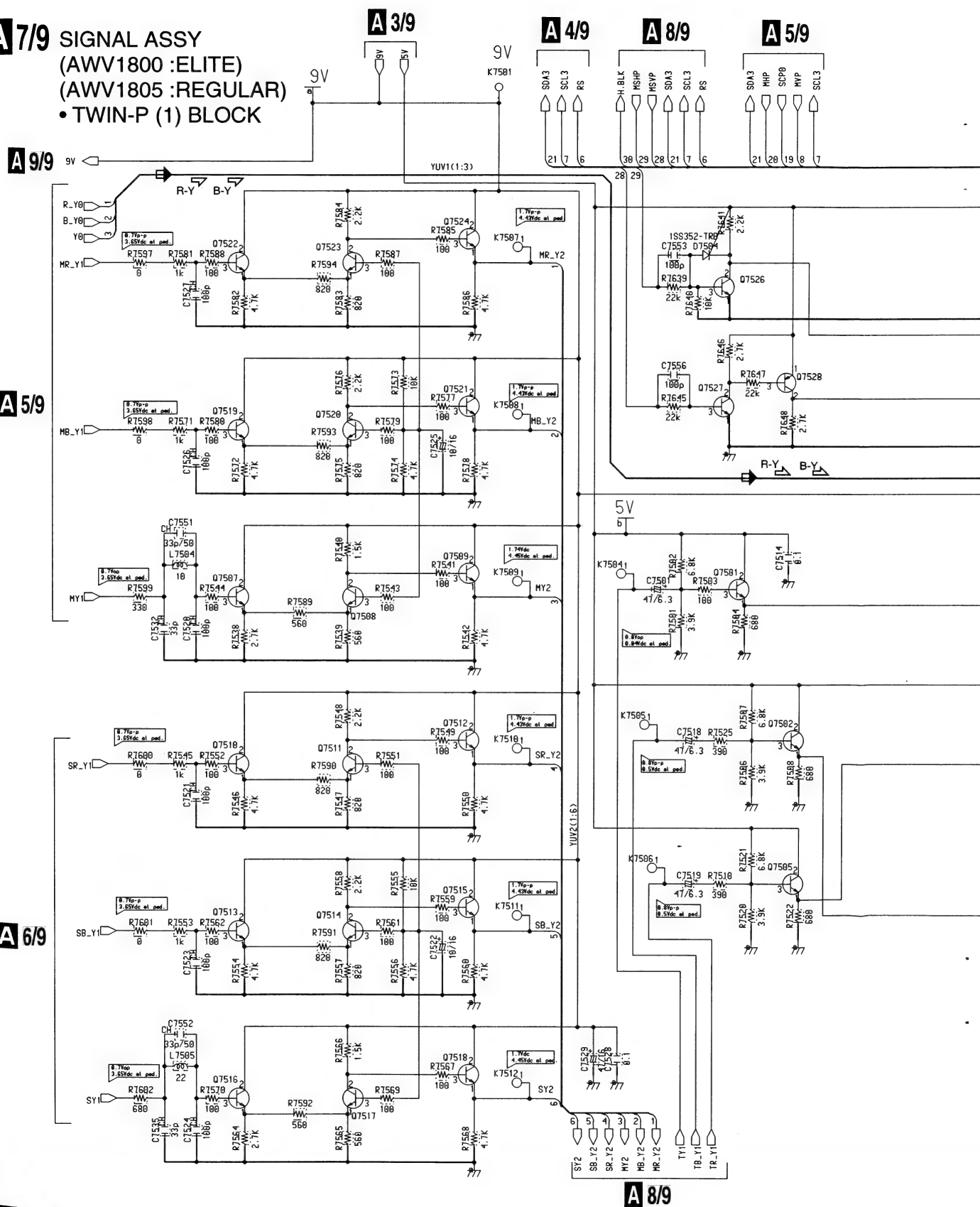
15 Q7304-Emitter (SR-Y) (AC)
V: 0.2V/div. H: 10µsec/div.



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.9 SIGNAL ASSY (7/9)

A 7/9 SIGNAL ASSY
(AWV1800 :ELITE)
(AWV1805 :REGULAR)
• TWIN-P (1) BLOCK



8



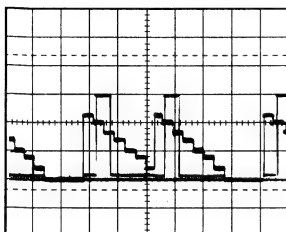
A7/9 49

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

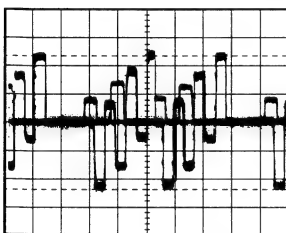
A 7/9 SIGNAL ASSY (7/9)

Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range :DC range (Unless otherwise noted)

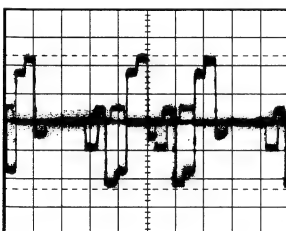
①⑥ K7503 (TY) (AC)
V: 0.5V/div. H: 10μsec/div.



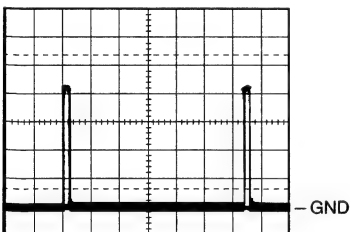
①⑦ K7514 (TB-Y) (AC)
V: 0.1V/div. H: 10μsec/div.



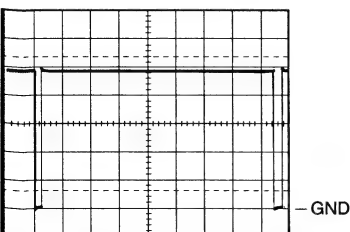
①⑧ K7513 (TR-Y) (AC)
V: 0.1V/div. H: 10μsec/div.



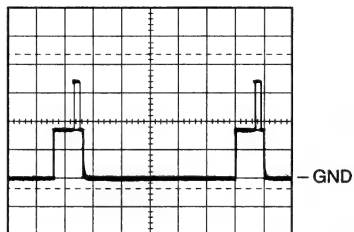
①⑨ CN7501-pin 36 (MHP)
V: 1V/div. H: 10μsec/div.



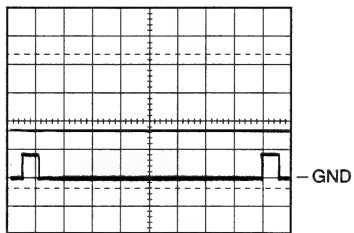
②⑩ CN7501-pin 14 (MVP)
V: 1V/div. H: 2msec/div.



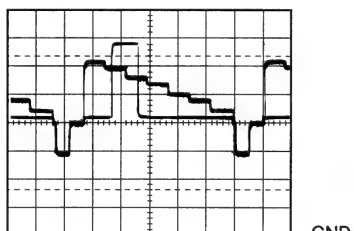
②①-1 CN7501-pin 35 (SCP0)
V: 2V/div. H: 10μsec/div.



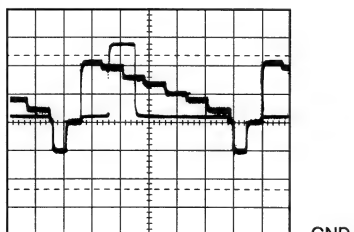
②①-2 CN7501-pin 35 (SCP0)
V: 2V/div. H: 2msec/div.



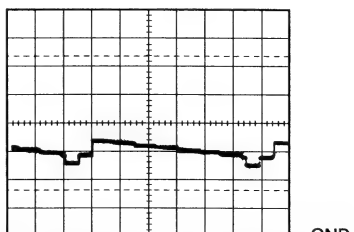
②② CN7501-pin 1 (MCCY)
V: 0.5V/div. H: 10μsec/div.



②③ CN7501-pin 2 (SCCY)
V: 0.5V/div. H: 10μsec/div.



②④ CN7501-pin 26 (DYOUT)
V: 1V/div. H: 10μsec/div.



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

A 7/9 SIGNAL ASSY (7/9)

IC7501 (ML6420CS-3)

Pin No.	Voltage (V)
1	0
2	1.16V at ped.
3	0
4	0
5	5
6	5
7	1.8V at ped.
8	5
9	1.7V at ped.
10	1.7V at ped.
11	5
12	0
13	0
14	5
15	1.04V at ped.
16	1.14V at ped.

IC7502 (TK15420M)

Pin No.	Voltage (V)
1	3.8V at ped.
2	3.8V at ped.
3	3.8V at ped.
4	0
5	3.5V at ped.
6	3.5V at ped.
7	3.5V at ped.
8	9

IC7503 (NJM2283M)

Pin No.	Voltage (V)
1	4.4
2	2.8 (sprit-screens) 0.1 (single-screen)
3	3.7
4	0
5	3.7
6	3.5
7	2.8 (sprit-screens) 0.1 (single-screen)
8	4.2
9	4.2
10	0
11	4.4
12	2.8 (sprit-screens) 0.1 (single-screen)
13	8.8
14	4.4
15	0
16	4.4

IC7504 (TC74HC4538AF)

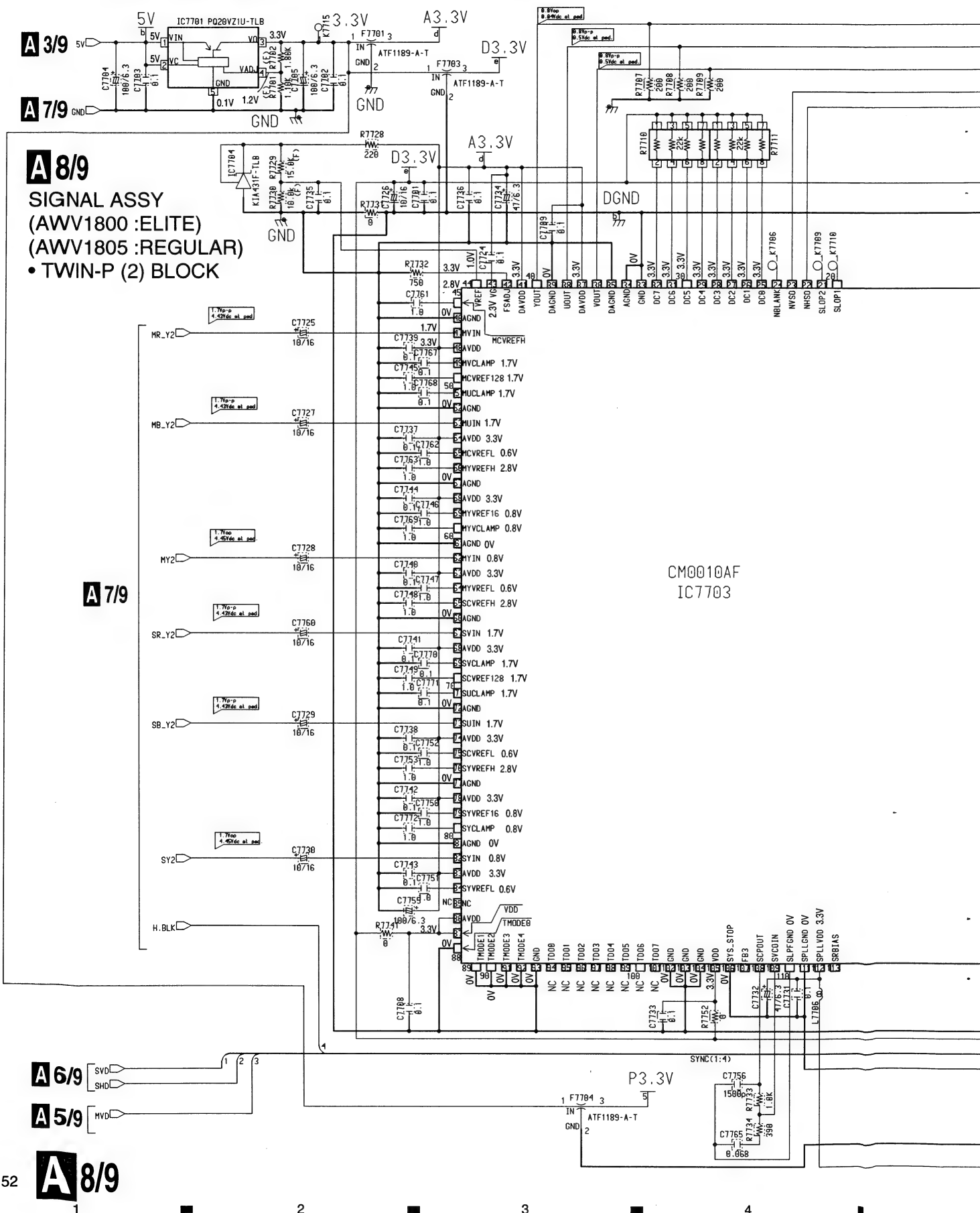
Pin No.	Voltage (V)
1	0
2	5
3	5
4	0 – 5
5	5
6	0 – 5
7	0 – 5
8	0
9	0 – 5
10	0 – 5
11	0 – 5
12	0
13	5
14	5
15	0
16	5

IC7505 (TC74HC4066AF)

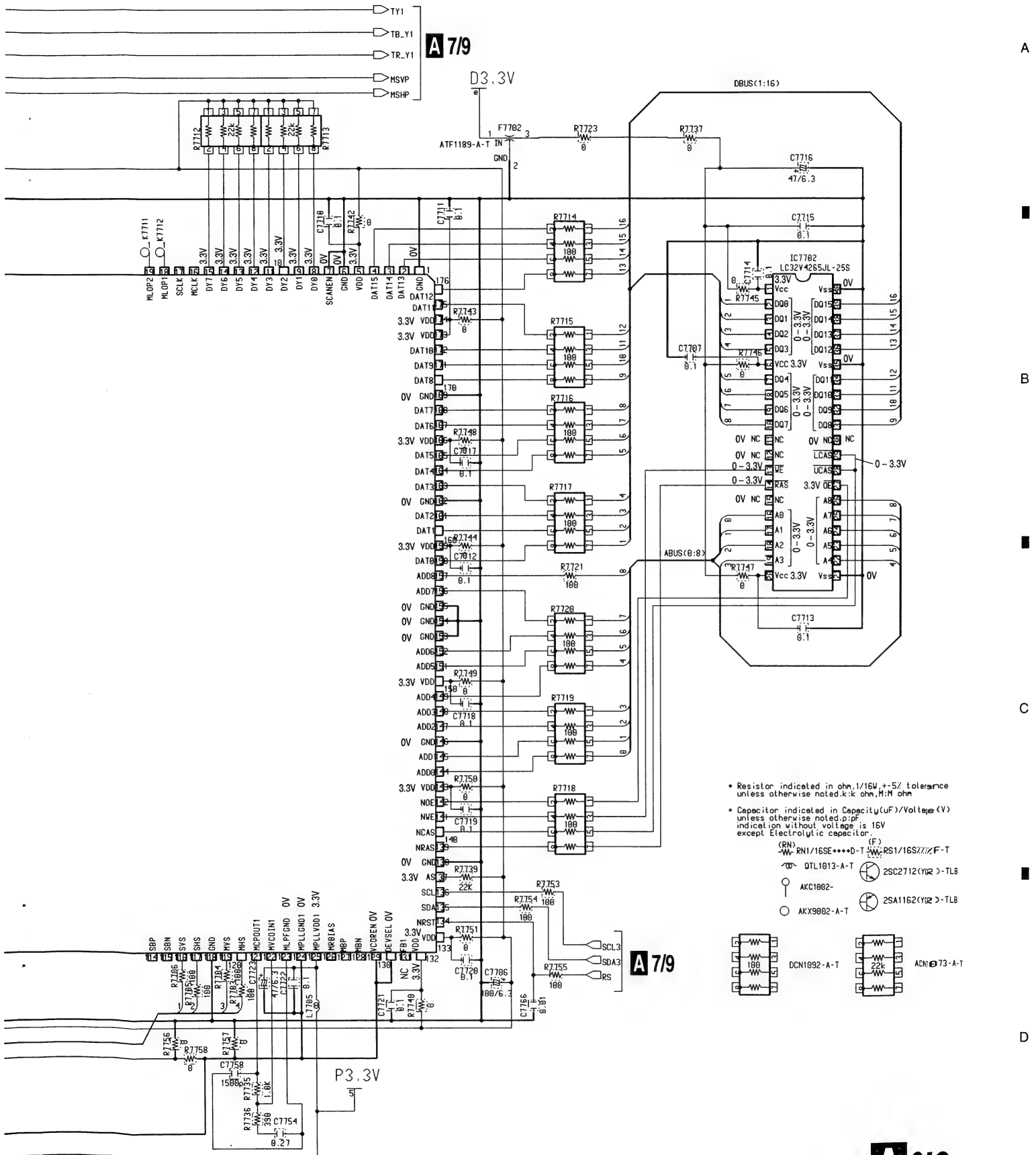
Pin No.	Voltage (V)
1	0 – 5
2	0 – 5
3	0 – 5
4	0 – 5
5	0 (sprit-screens) 4.6 (single-screen)
6	0 (sprit-screens) 4.6 (single-screen)
7	0
8	0 – 5
9	0 – 5
10	0 – 5
11	0 – 5
12	5 (sprit-screens) 0 (single-screen)
13	5 (sprit-screens) 0 (single-screen)
14	5

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.10 SIGNAL ASSY (8/9)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

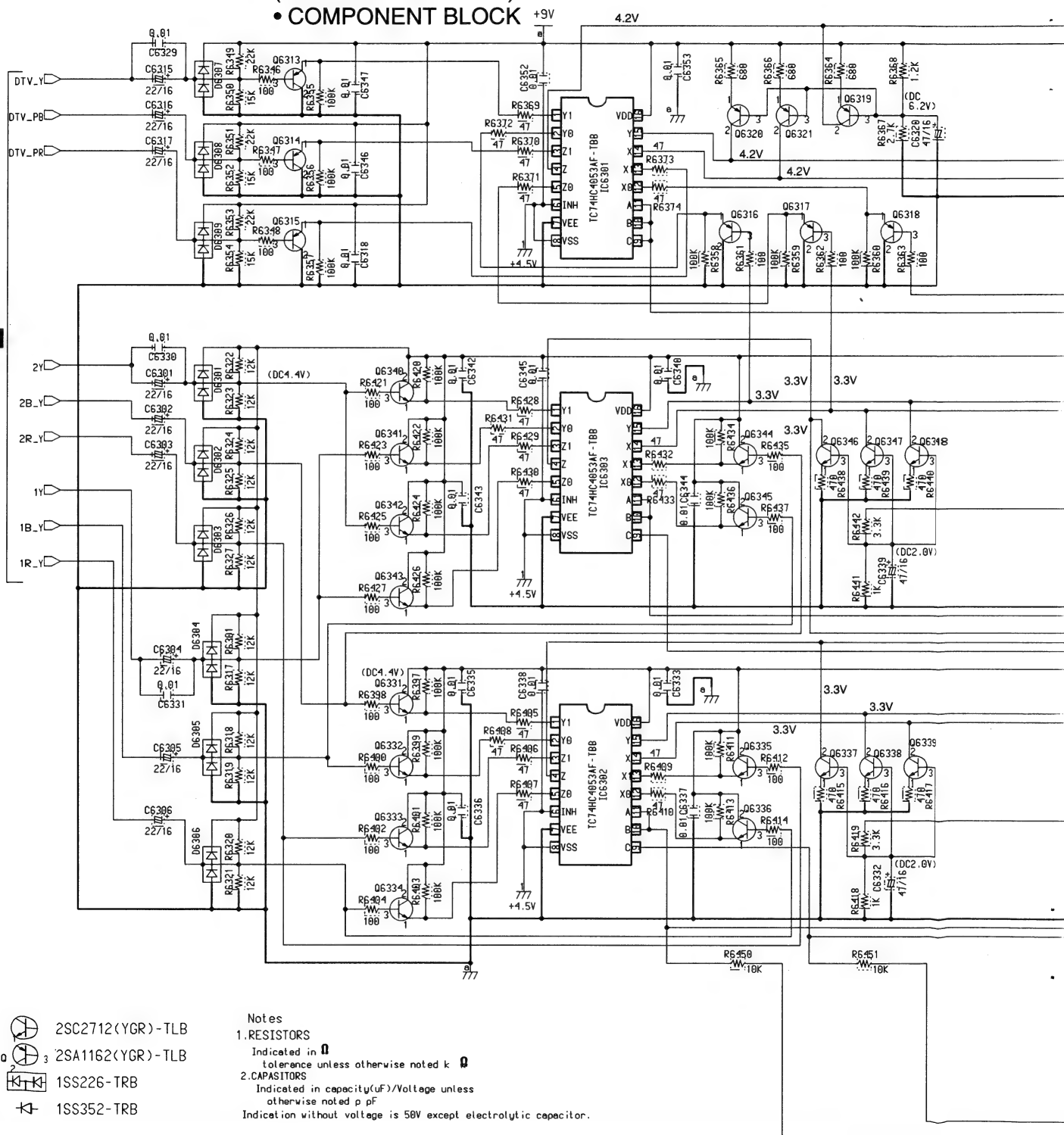
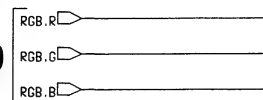


PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

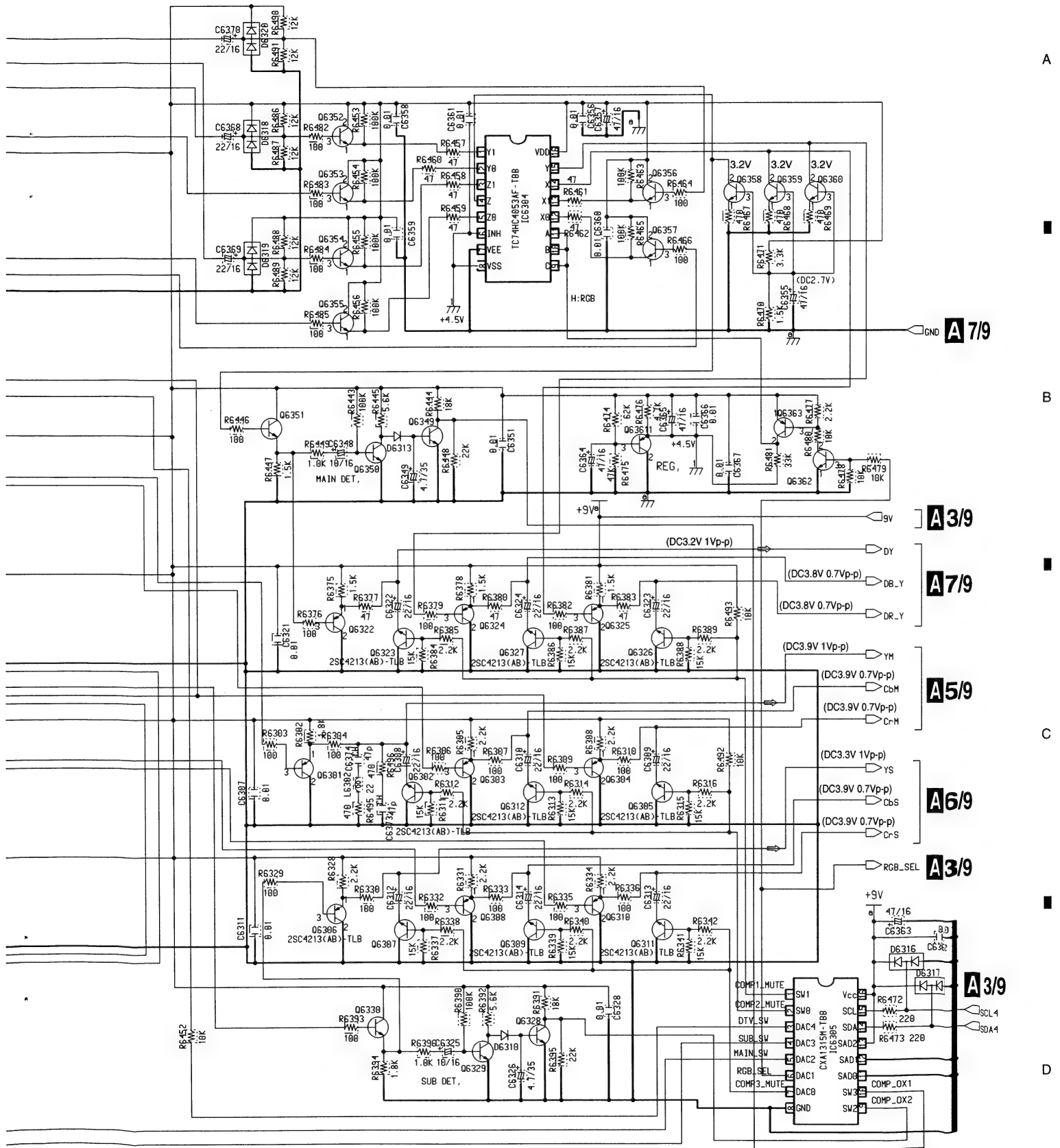
3.11 SIGNAL ASSY (9/9)

A 9/9 SIGNAL ASSY (AWV1800 :ELITE) (AWV1805 :REGULAR) • COMPONENT BLOCK

A 7/9



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



3.12 AV I/O (1/2) and BNC ASSYS

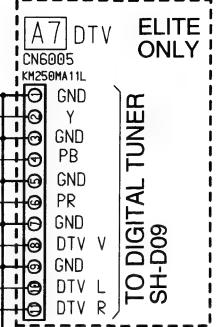
**B^{1/2} C**

PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

B 1/2 AV I/O ASSY
(AWV1802 :ELITE)
(AWV1807 :REGULAR)
• AV I/O BLOCK

- : VIDEO SIGNAL ROUTE
 □ (TV1) : VIDEO SIGNAL ROUTE (TV1)
 □ (TV1) or (TV2) : AUDIO SIGNAL ROUTE
 ■ : AUDIO SIGNAL ROUTE (TV1 or TV2)
 ■ : C SIGNAL ROUTE
 □ : Y SIGNAL ROUTE

B 2/2



A 1/9 J2703 **T2**

B 2/2

Notes

1.RESISTORS

Indicated in Ω
tolerance unless otherwise noted k Ω
2.CAPASITORS
Indicated in capacity(uF)/Voltage unless
otherwise noted pF
Indication without voltage is 50V except electrolytic capacitor.

2SC2712(YGR)-TLB

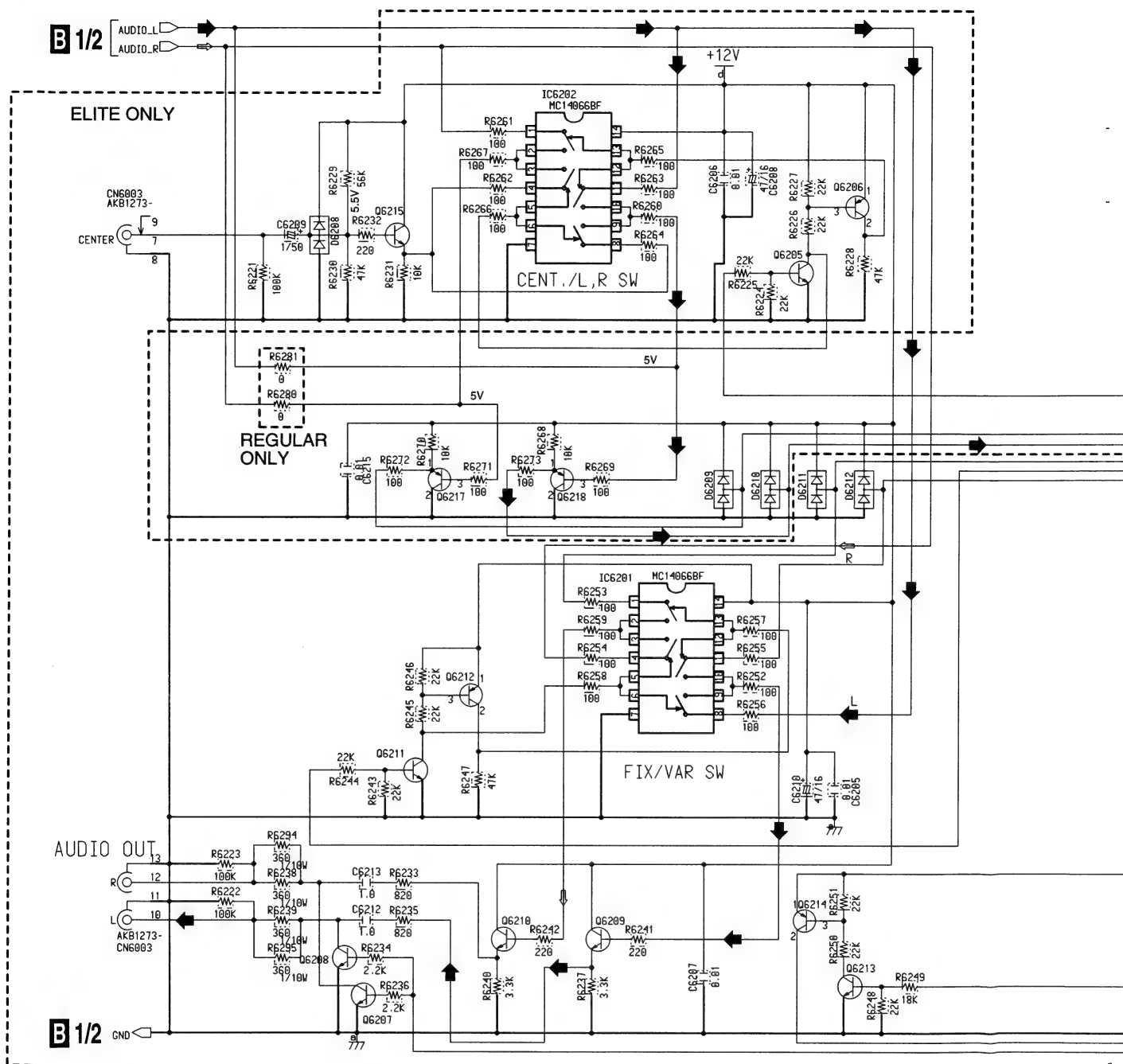
3 2SA1162(YGR)-TLB

1SS226-TRB

1SS352-TRB

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.13 AV I/O (2/2) and SR ASSYS



B 2/2 AV I/O ASSY
(AWV1802 :ELITE)
(AWV1807 :REGULAR)
• AV I/O and SR BLOCKS

Notes

1. RESISTORS

Indicated in \square
tolerance unless otherwise noted k \square

2. CAPACITORS

Indicated in capacity(uF)/Voltage unless
otherwise noted p pF

Indication without voltage is 50V except electrolytic capacitor.

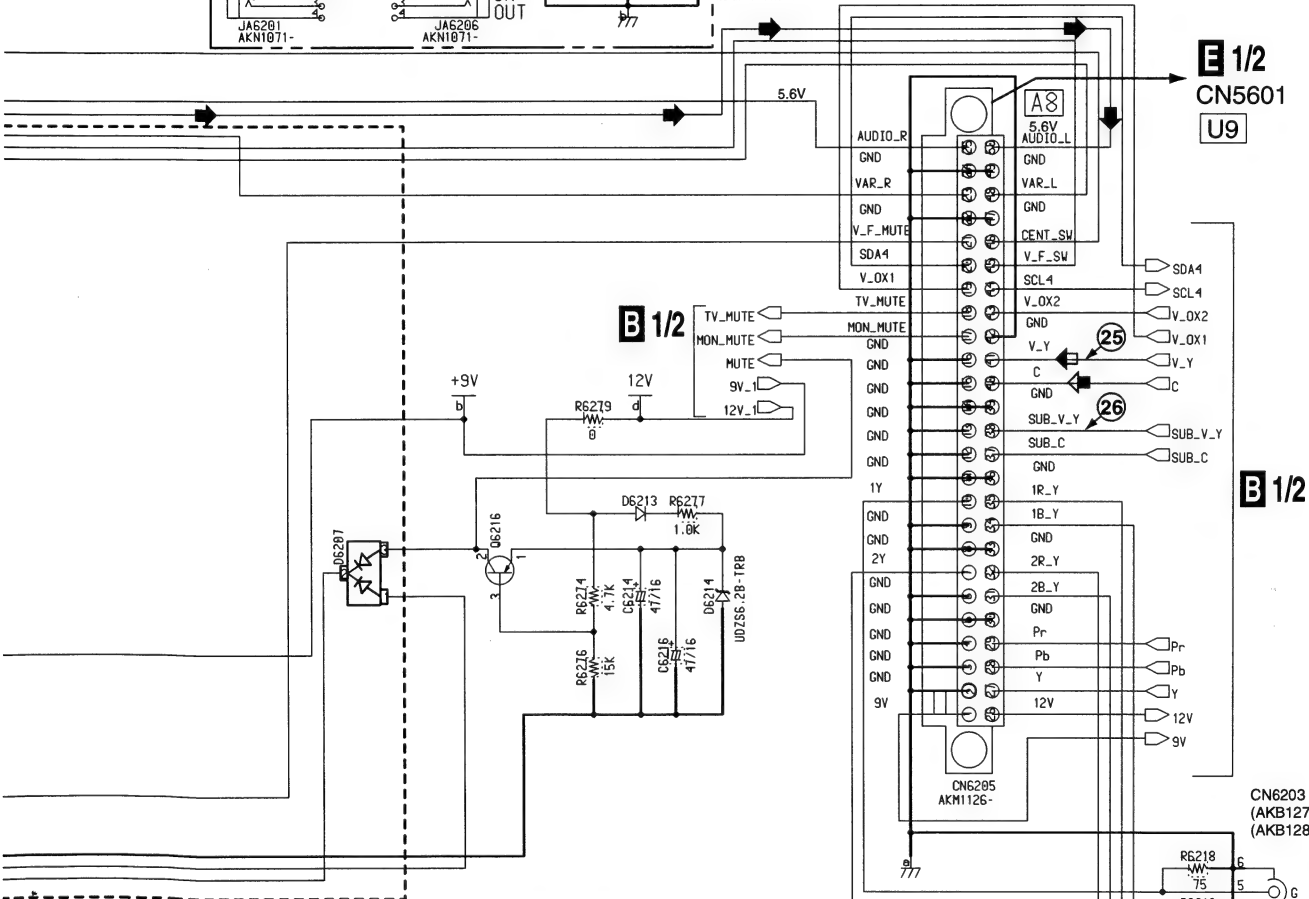
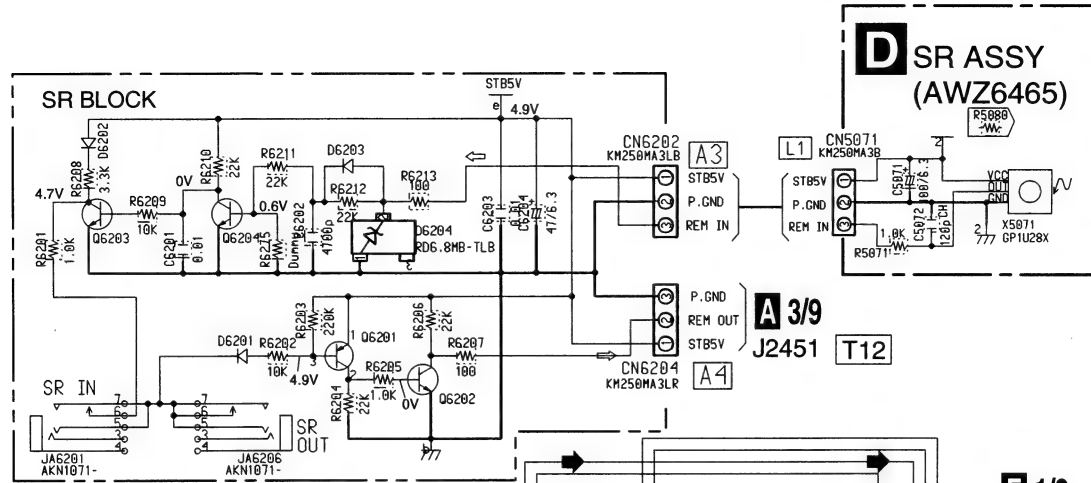
\square 2SC2712(YGR)-TLB

\square 2SA1162(YGR)-TLB

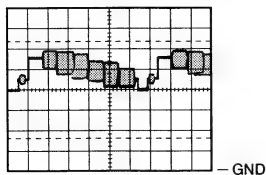
\square 1SS352-TRB

\rightarrow : AUDIO SIGNAL ROUTE
 \rightarrow : C SIGNAL ROUTE
 \rightarrow : Y SIGNAL ROUTE

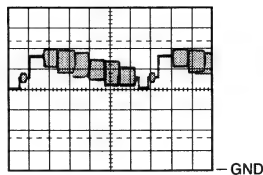
PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



(25) CN6205-pin 41 (V_Y)
V: 1V/div. H: 10μsec/div.



(26) CN6205-pin 38 (SUB V_Y)
V: 1V/div. H: 10μsec/div.



CN6205 :
(AKB1274 : ELITE)
(AKB1287 : REGULAR)

INPUT 1
COMPONENT

INPUT 2
COMPONENT

1 2 3 4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.14 VIDEO (1/2) and RGB SW ASSYS

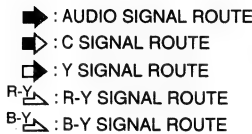
E 1/2

VIDEO ASSY

(AWV1799 :ELITE)

(AWV1804 :REGULAR)

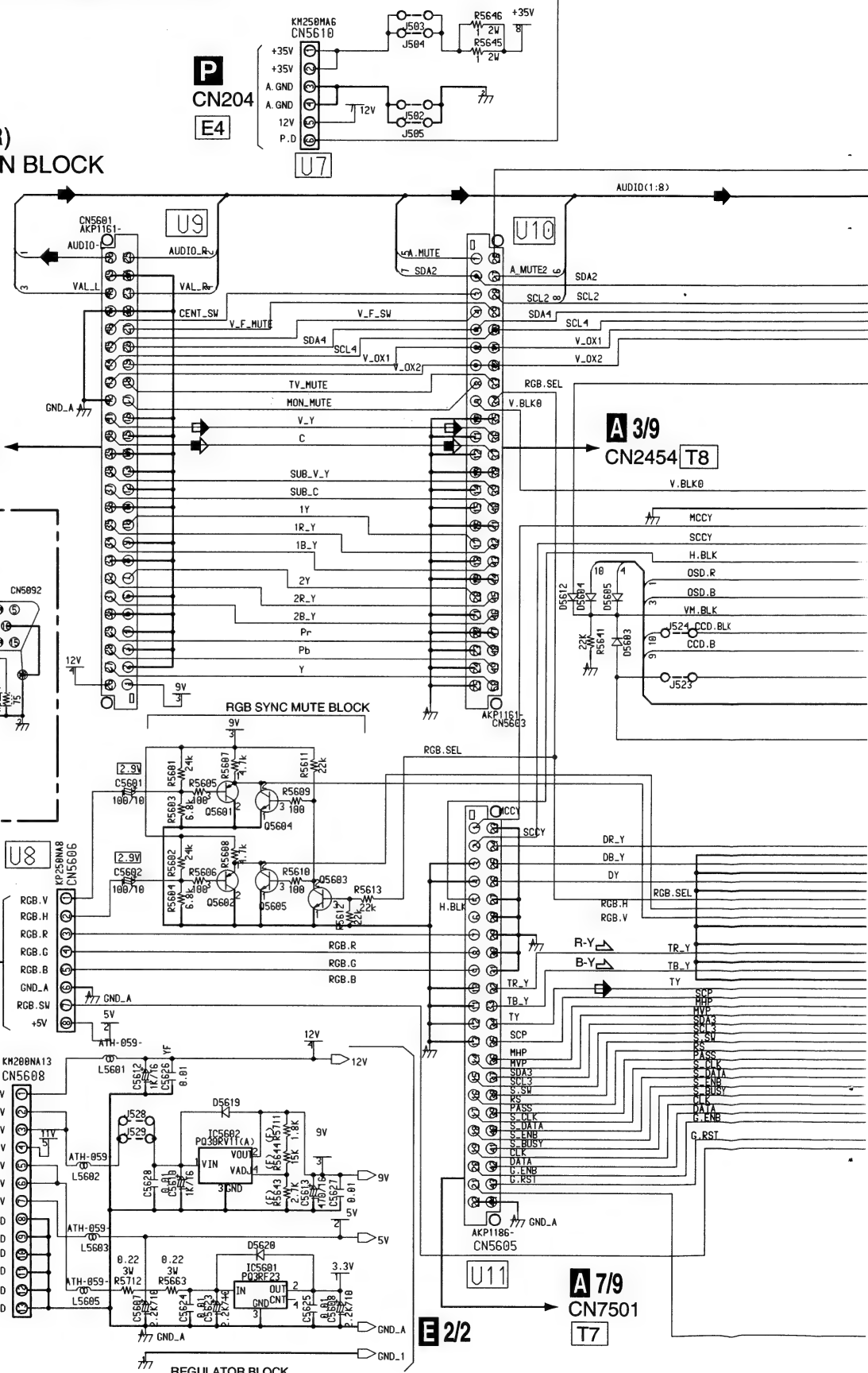
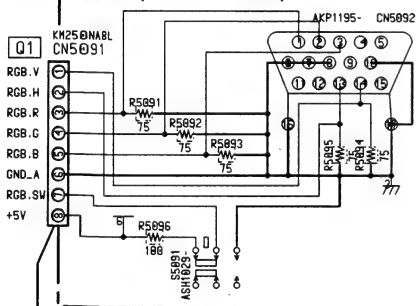
- VIDEO CONNECTION BLOCK



CN620

A8

F RGB SW ASSY
(AWZ6468)



P
CN203

E3

E 2/2

A 7/9
CN7501
T7

E 1/2



8



3.15 VIDEO ASSY (2/2)

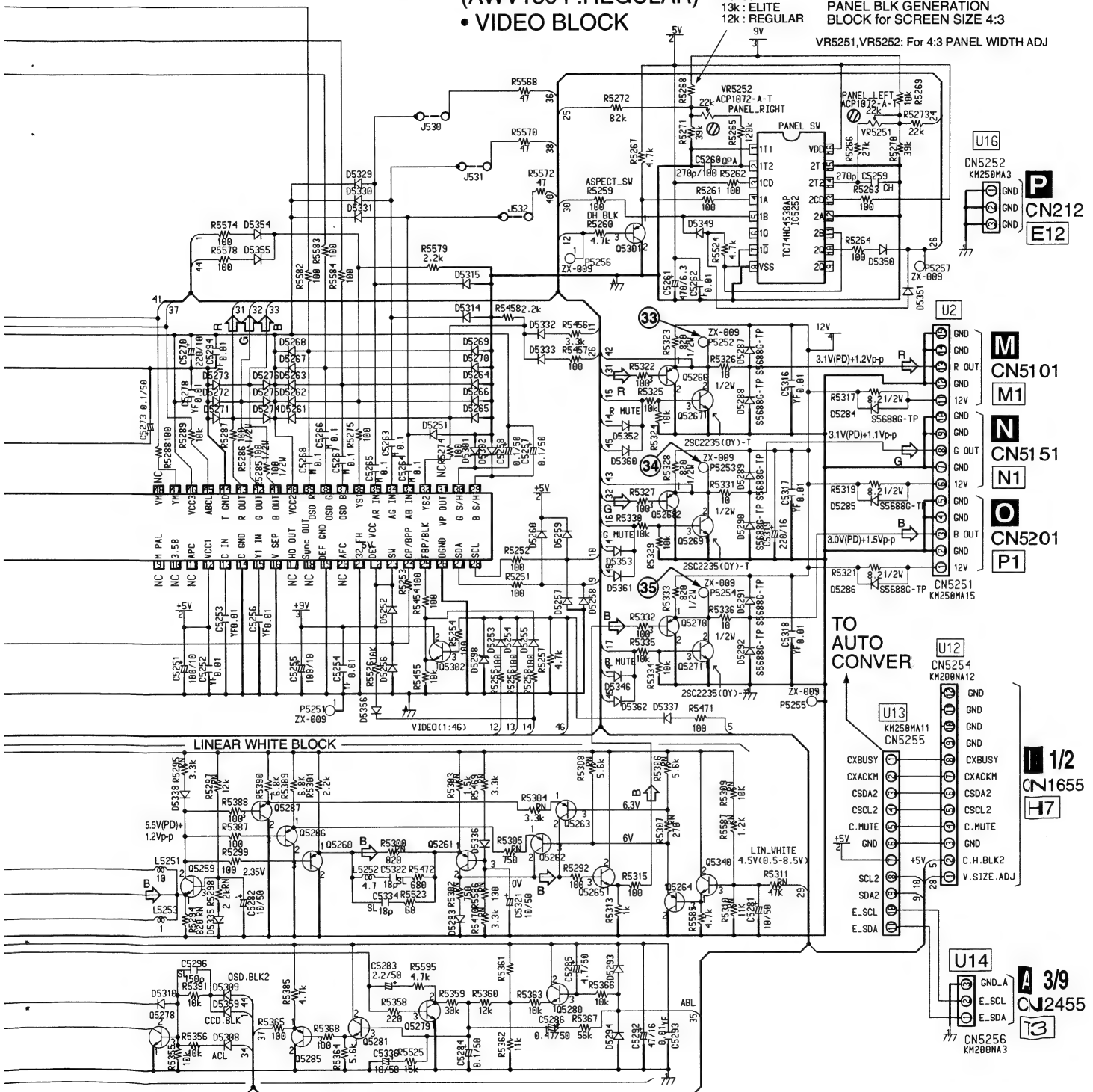


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

E2/2 VIDEO ASSY (AWV1799 :ELITE) (AWV1804 :REGULAR) • VIDEO BLOCK

□ : Y SIGNAL ROUTE
 R-Y : R-Y SIGNAL ROUTE
 B-Y : B-Y SIGNAL ROUTE
 R, G or B : R, G or B SIGNAL ROUTE

R5268
 13k : ELITE
 12k : REGULAR
 IC5252.Q5301 :
 PANEL BLK GENERATION
 BLOCK for SCREEN SIZE 4:3
 VR5251,VR5252: For 4:3 PANEL WIDTH ADJ



- Resistor indicated in ohm, 1/4W/5% tolerance unless otherwise noted. k:k ohm, M:M ohm
- Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted. p:pF indication without voltage is 50V except Electrolytic capacitor.

ZSC1740S(RS)-T
 HITZJ11-TP

ZSA933S(RS)-T
 ISS254-TP

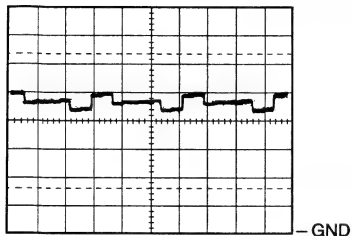
This sheet name is 11ku-video3

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

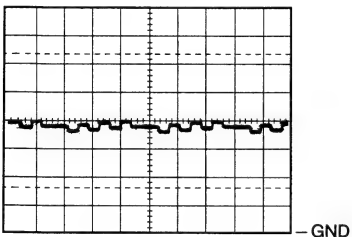
E 2/2 VIDEO ASSY (2/2)

Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range :DC range (Unless otherwise noted)

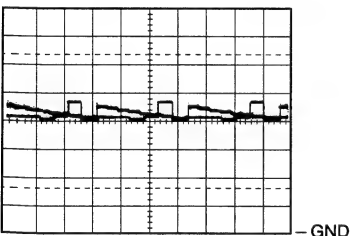
②7 Foot of R5369 (Sharpness output R-Y)
V: 1V/div. H: 10μsec/div.



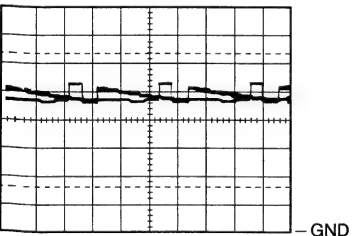
②8 Foot of R5378 (Sharpness output B-Y)
V: 1V/div. H: 10μsec/div.



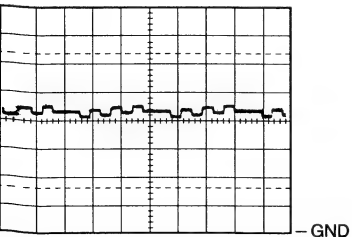
②9 Foot of R5377 (Sharpness output Y)
V: 1V/div. H: 10μsec/div.



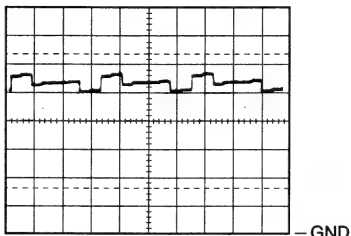
③0 Q5333 Emitter (Y input)
V: 1V/div. H: 10μsec/div.



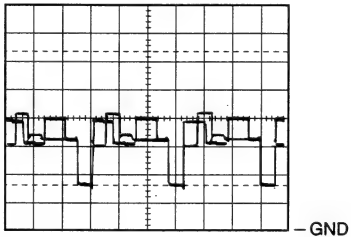
③1 Q5255 Emitter (B-Y input)
V: 1V/div. H: 10μsec/div.



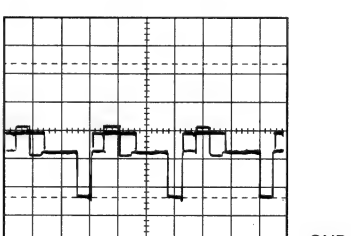
③2 Q5254 Emitter (R-Y input)
V: 1V/div. H: 10μsec/div.



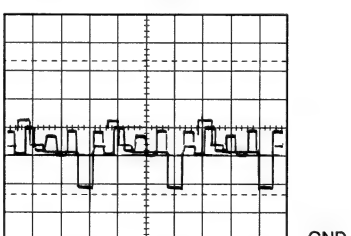
③3 P5252 (R OUT)
V: 1V/div. H: 10μsec/div.



③4 P5253 (G OUT)
V: 1V/div. H: 10μsec/div.



③5 P5254 (B OUT)
V: 1V/div. H: 10μsec/div.

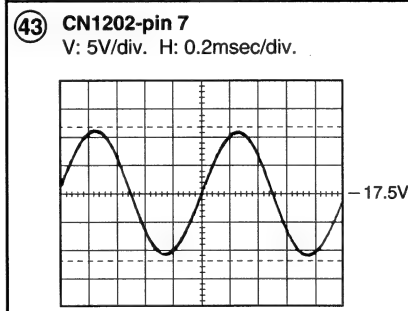
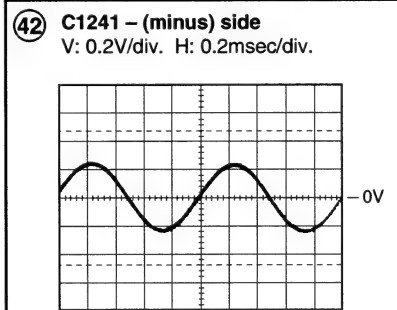
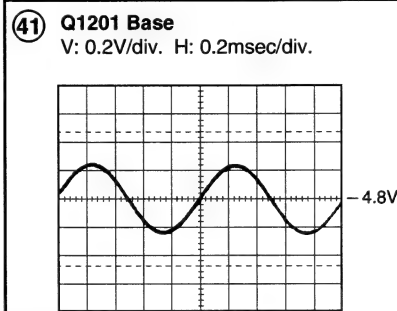
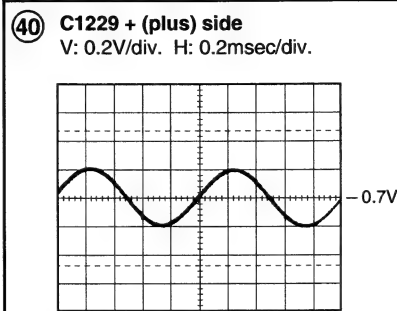
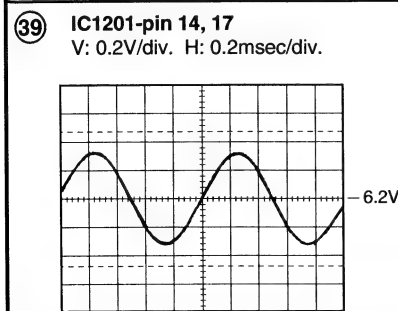
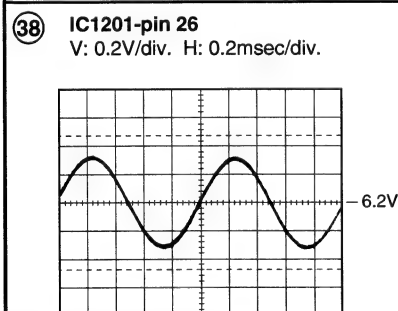
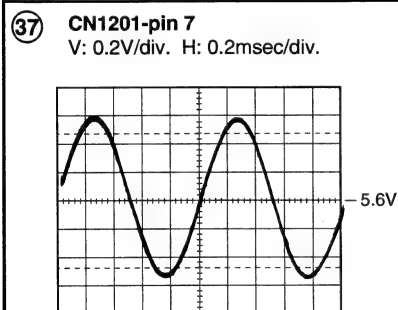
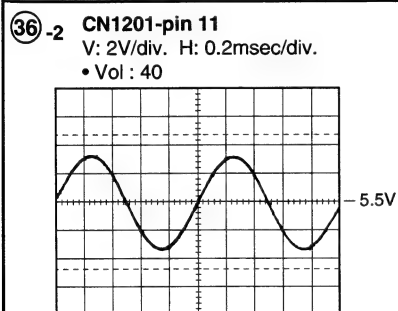
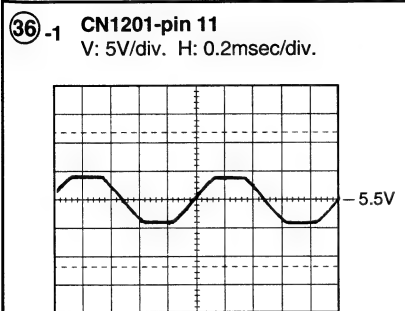


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



Input signal

Video signal : EIA full color-bar , Picture quality : Standard
f = 1kHz , Vol. : MAX (Unless otherwise noted) Vin = 0.4rms
Range :DC range (Unless otherwise noted)



IC1201 (UPC1853)

Pin No.	Voltage(V)	Pin No.	Voltage(V)
1	0	16	6.2
2	6.2	17	6.2
3	6.2	18	6.2
4	6.2	19	4.8
5	6.2	20	-
6	6.2	21	-
7	6.2	22	5.1
8	6.2	23	0
9	6.2	24	6.2
10	6.2	25	6.2
11	6.2	26	6.2
12	6.2	27	6.2
13	6.2	28	6.2
14	6.2	29	6.2
15	12.4	30	6.2

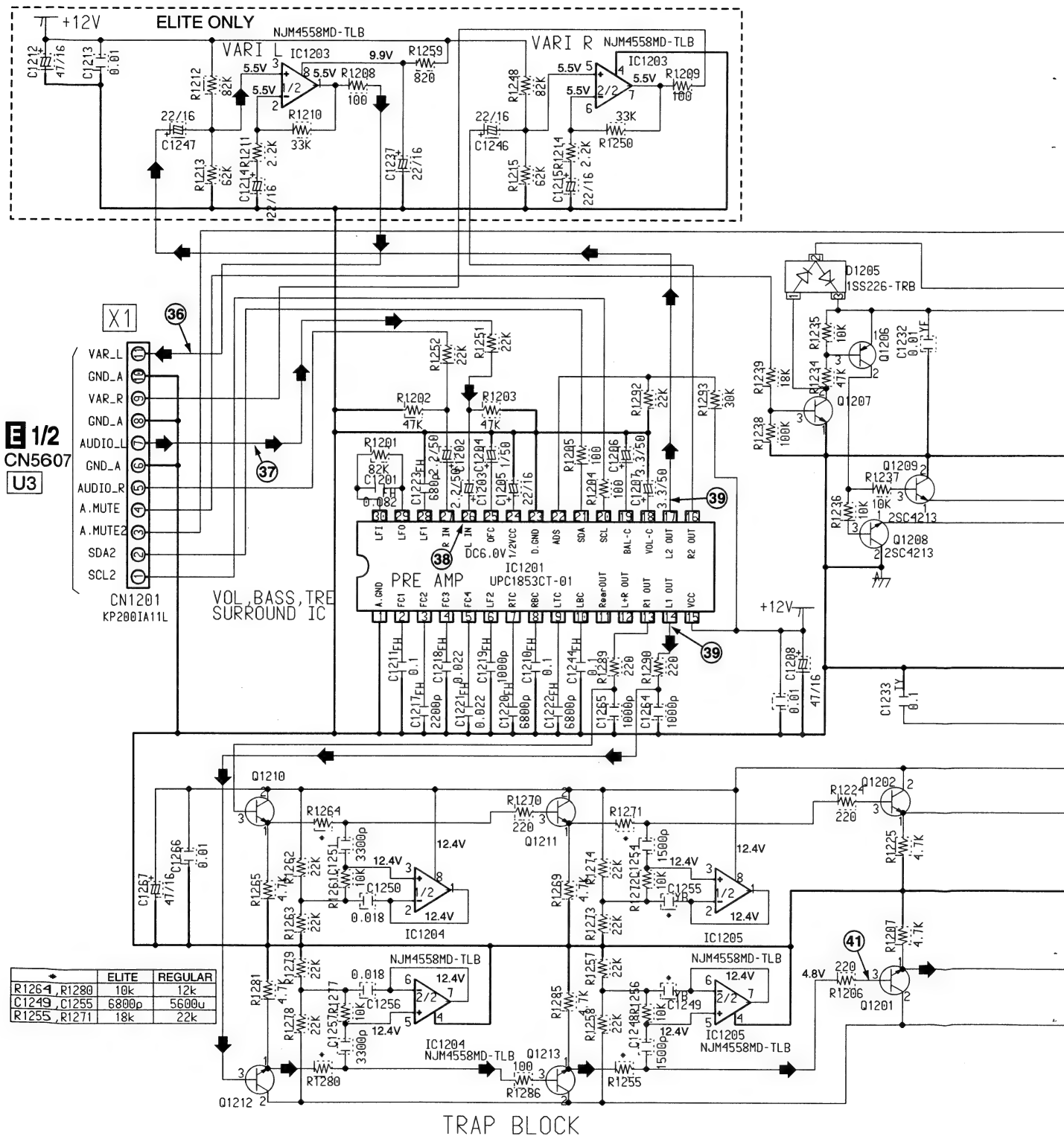
IC1202 (LA4280)

Pin No.	Voltage (V)
1	0.8
2	1.1
3	0.7
4	17.5
5	0
6	0.7
7	1.1
8	0.8
9	0
10	0
11	17.5
12	35.5
13	17.5
14	0

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.16 AUDIO ASSY

	SP MUTE ON	SP MUTE OFF
A.MUTE	HIGH	LOW



A

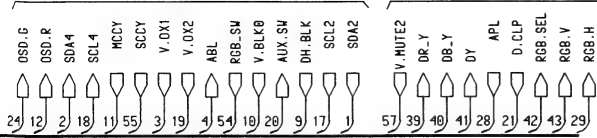


8

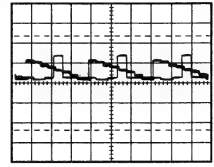
PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

4/12

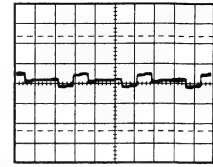
3/12



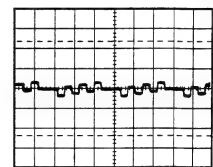
44 K3003 (Y)
V: 1V/div. H: 20µsec/div.



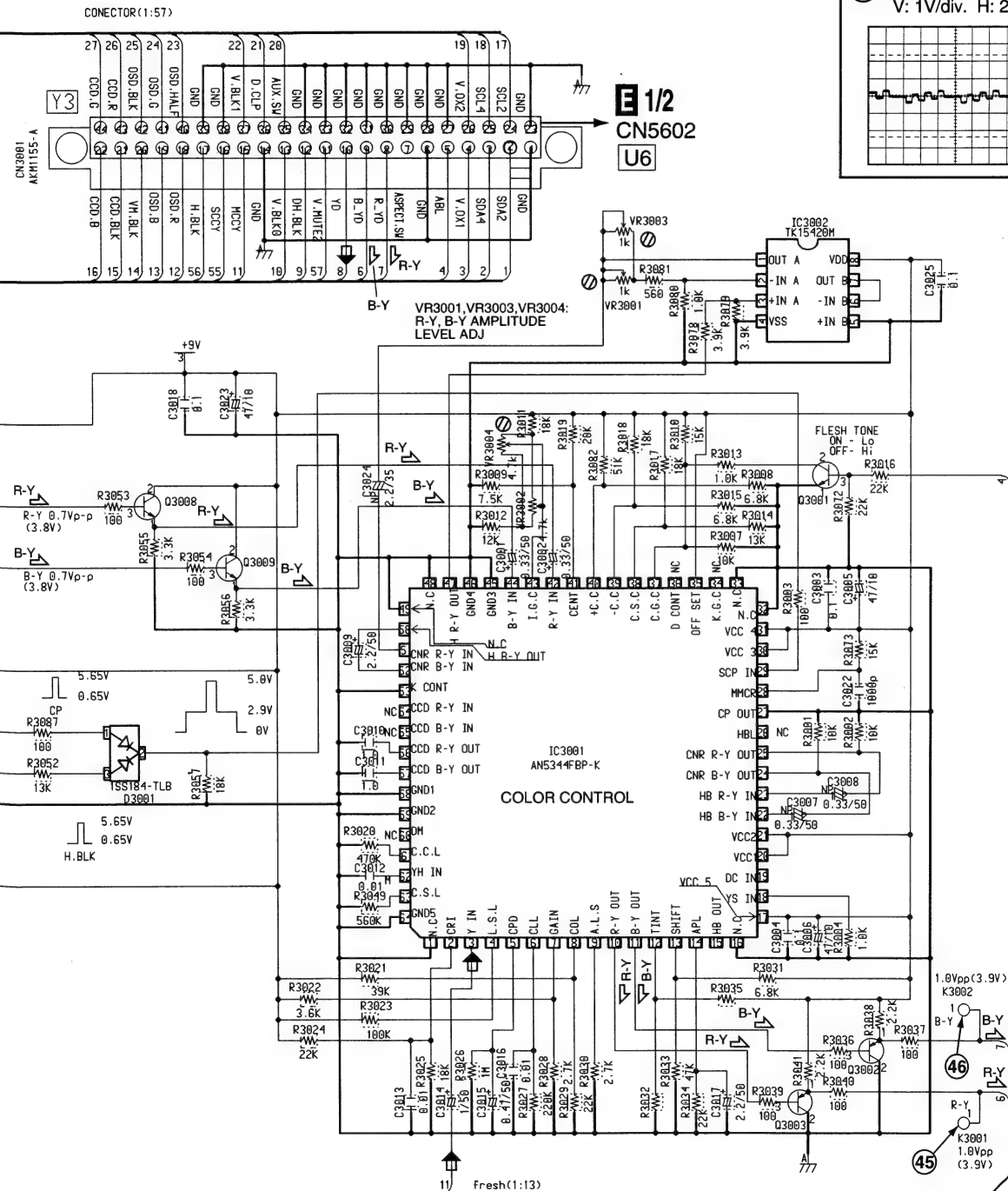
45 K3001 (R-Y)
V: 1V/div. H: 20µsec/div.



46 K3002 (B-Y)
V: 1V/div. H: 20µsec/div.



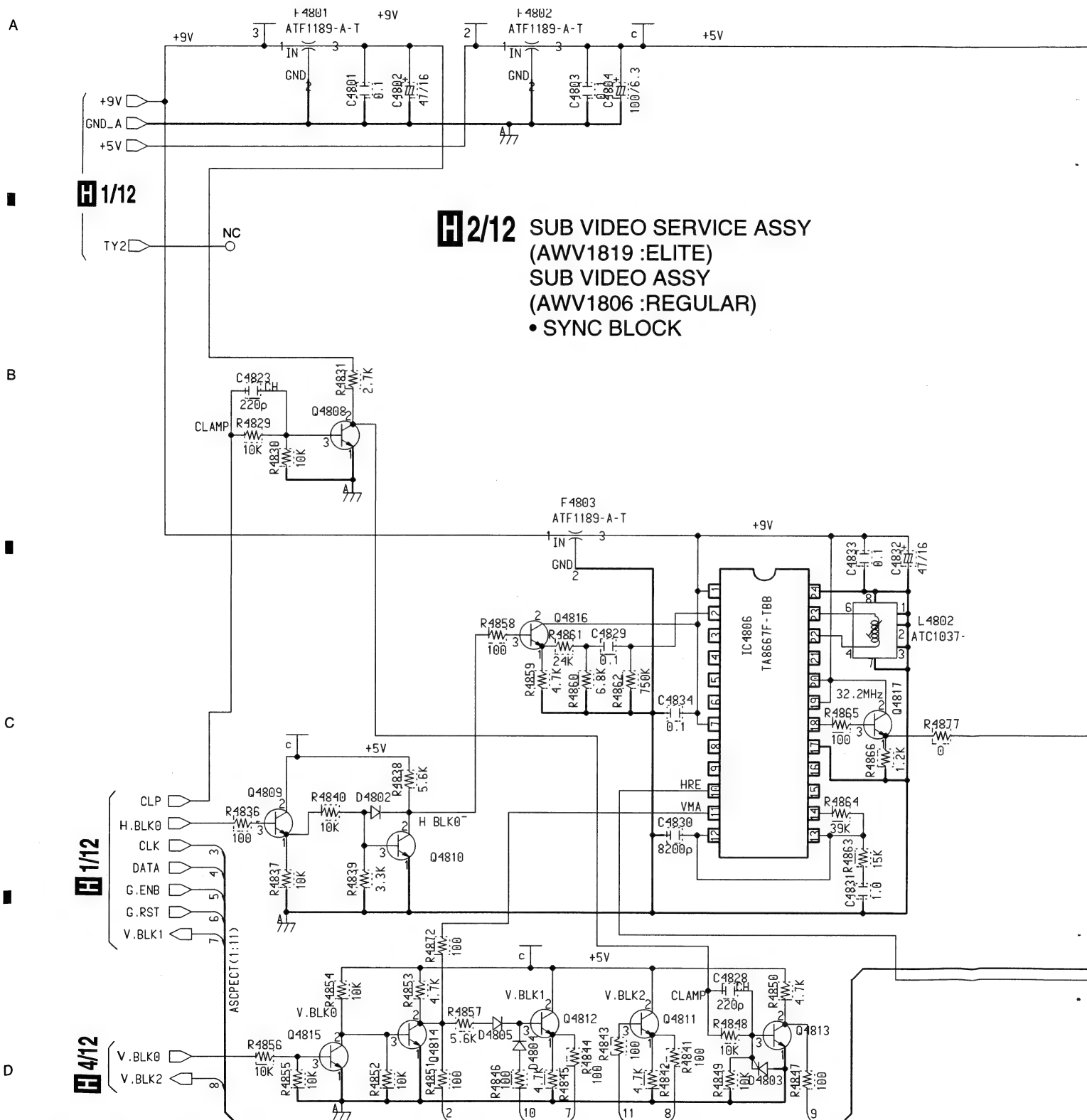
E 1/2
CN5602
U6



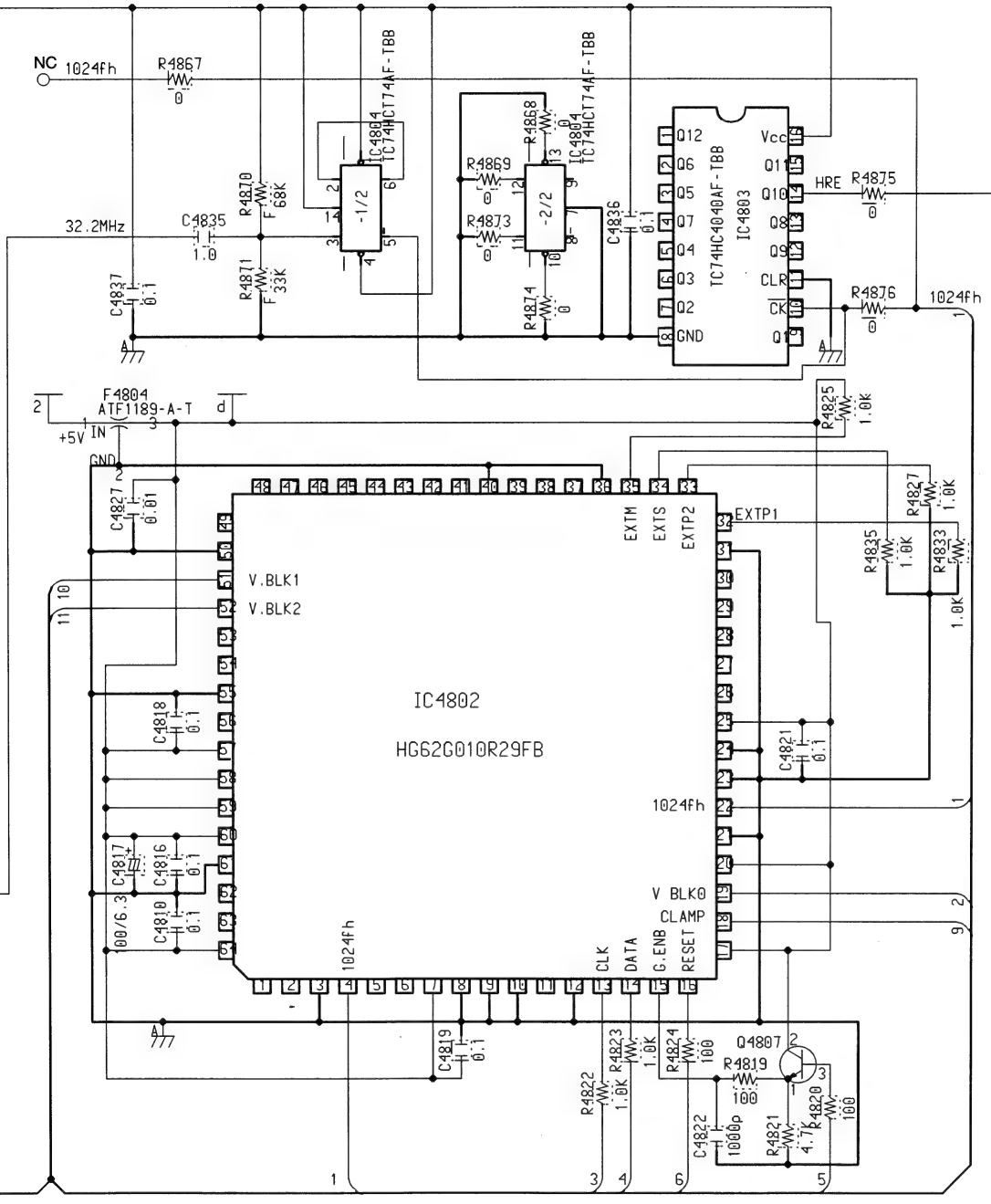
1/12 69

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.18 SUB VIDEO SERVICE and SUB VIDEO ASSYS (2/12)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

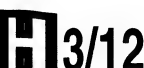


- Resistor indicated in ohm,1/16W+5% tolerance unless otherwise noted.k:k ohm,M:M ohm
- Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted.p:pF indication without voltage is 50V except Electrolytic capacitor.

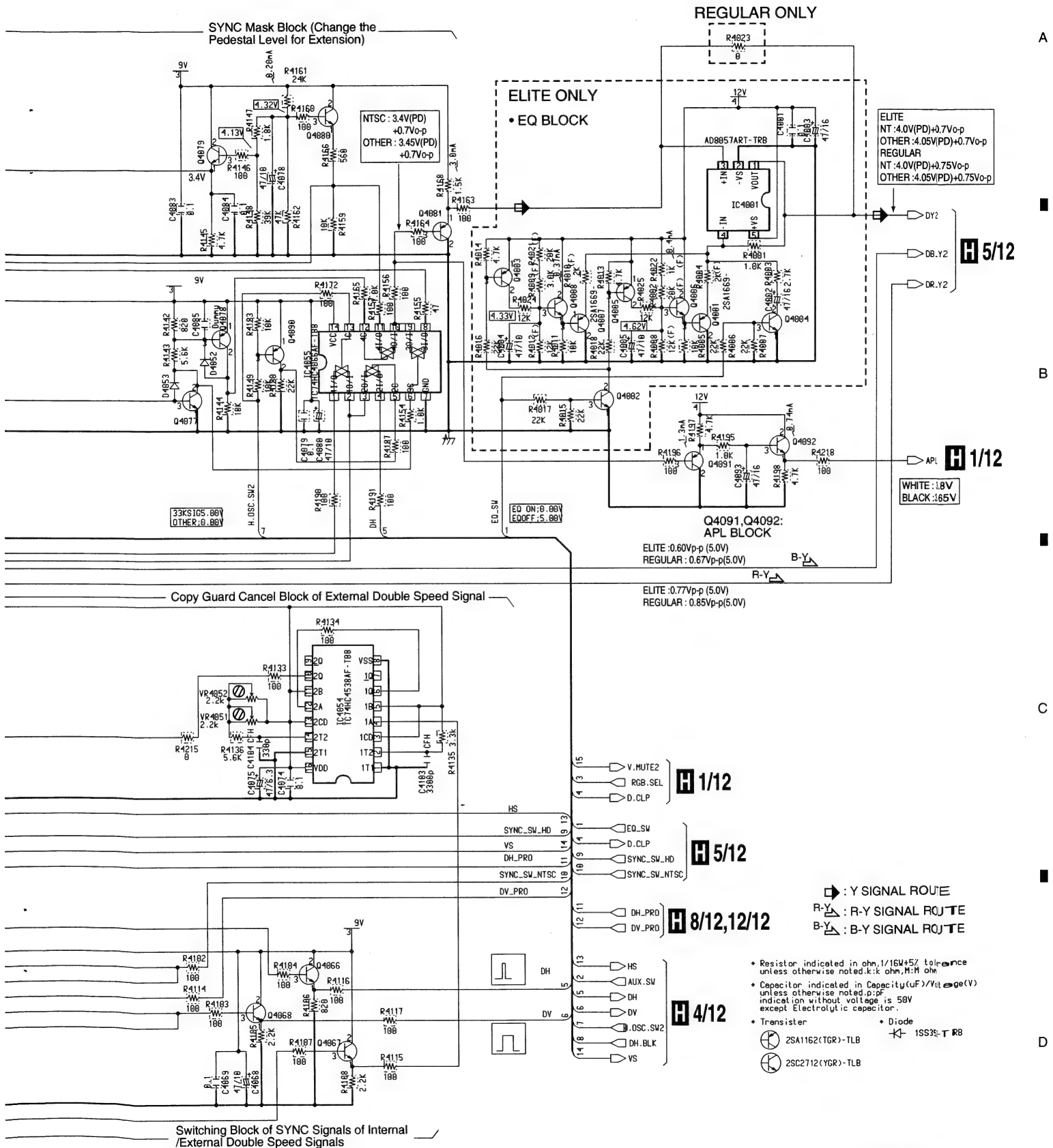
- 1SS352-TRB
- 2SC2712(YGR)-TLB
- 2SA1162(YGR)-TLB

3.19 SUB VIDEO SERVICE and SUB VIDEO ASSYS (3/12)

- VIDEO EQ/CP BLOCK



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

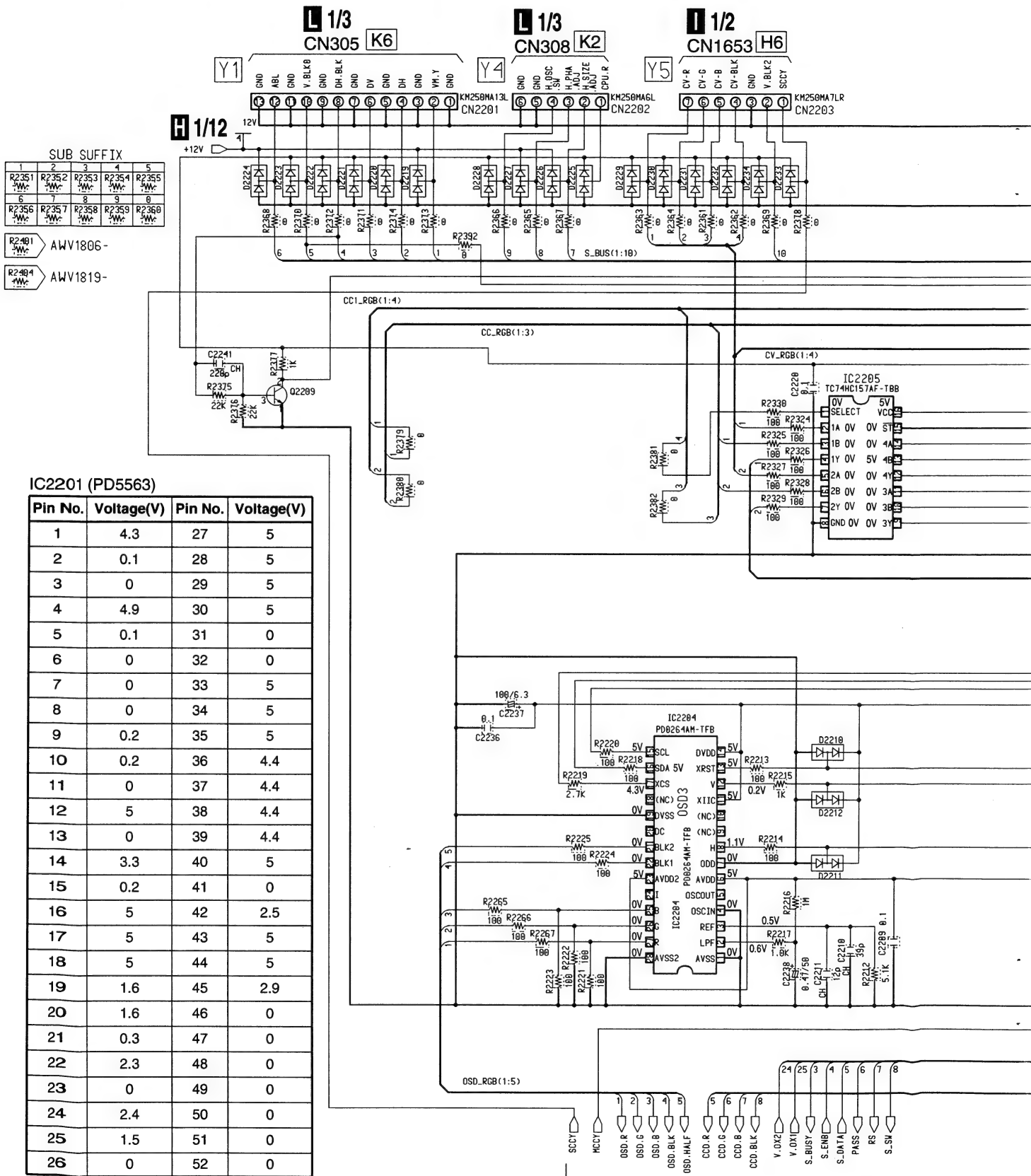
3.20 SUB VIDEO SERVICE and SUB VIDEO ASSYS (4/12)

A

B

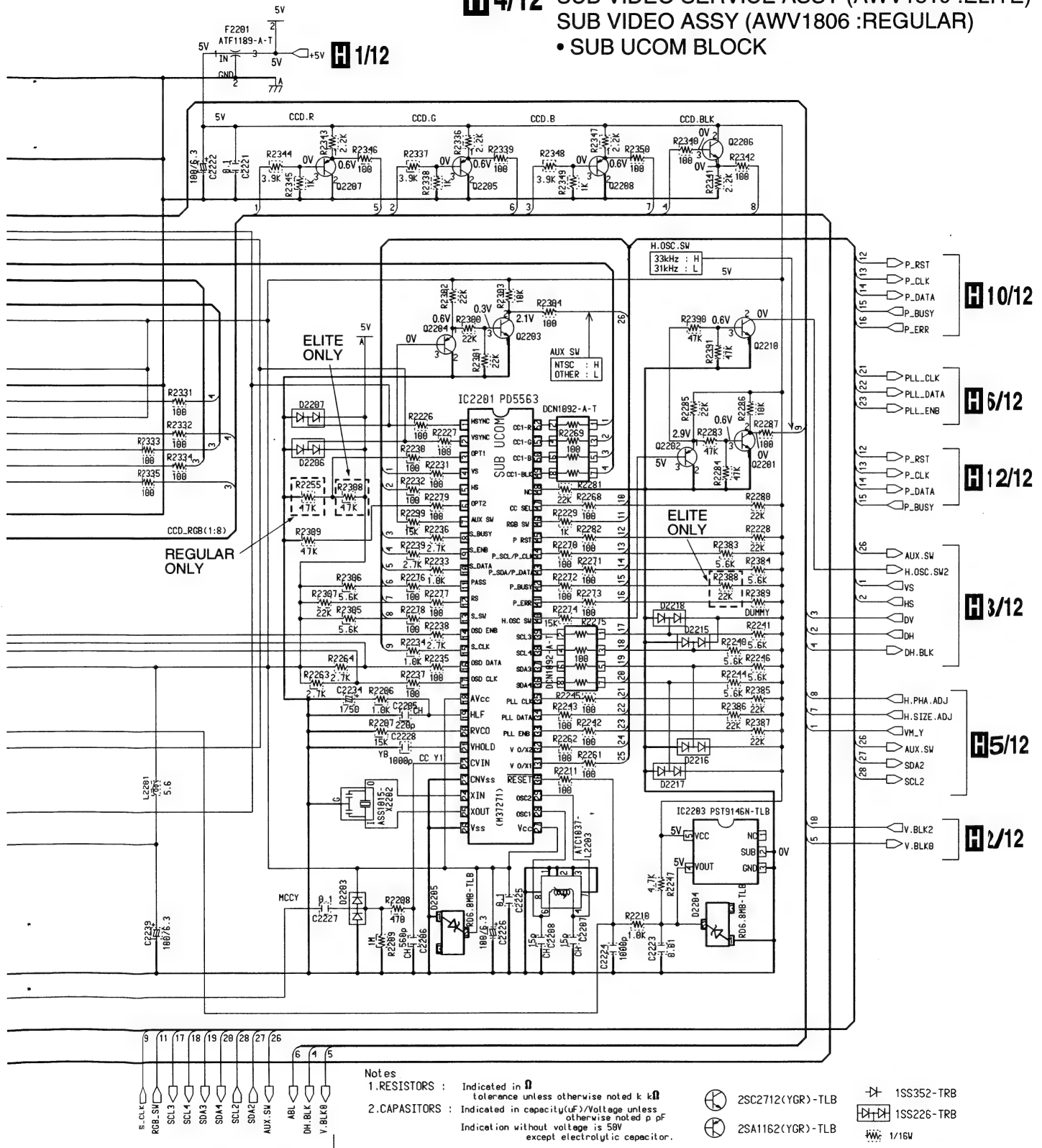
C

D



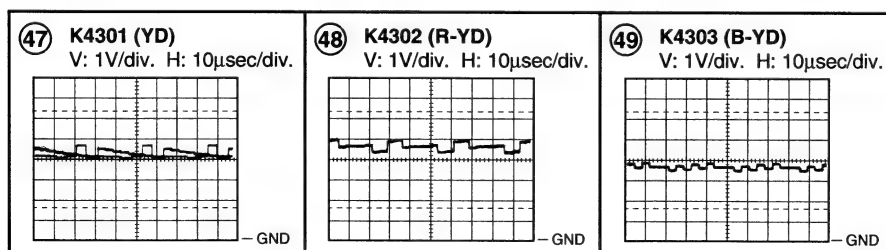
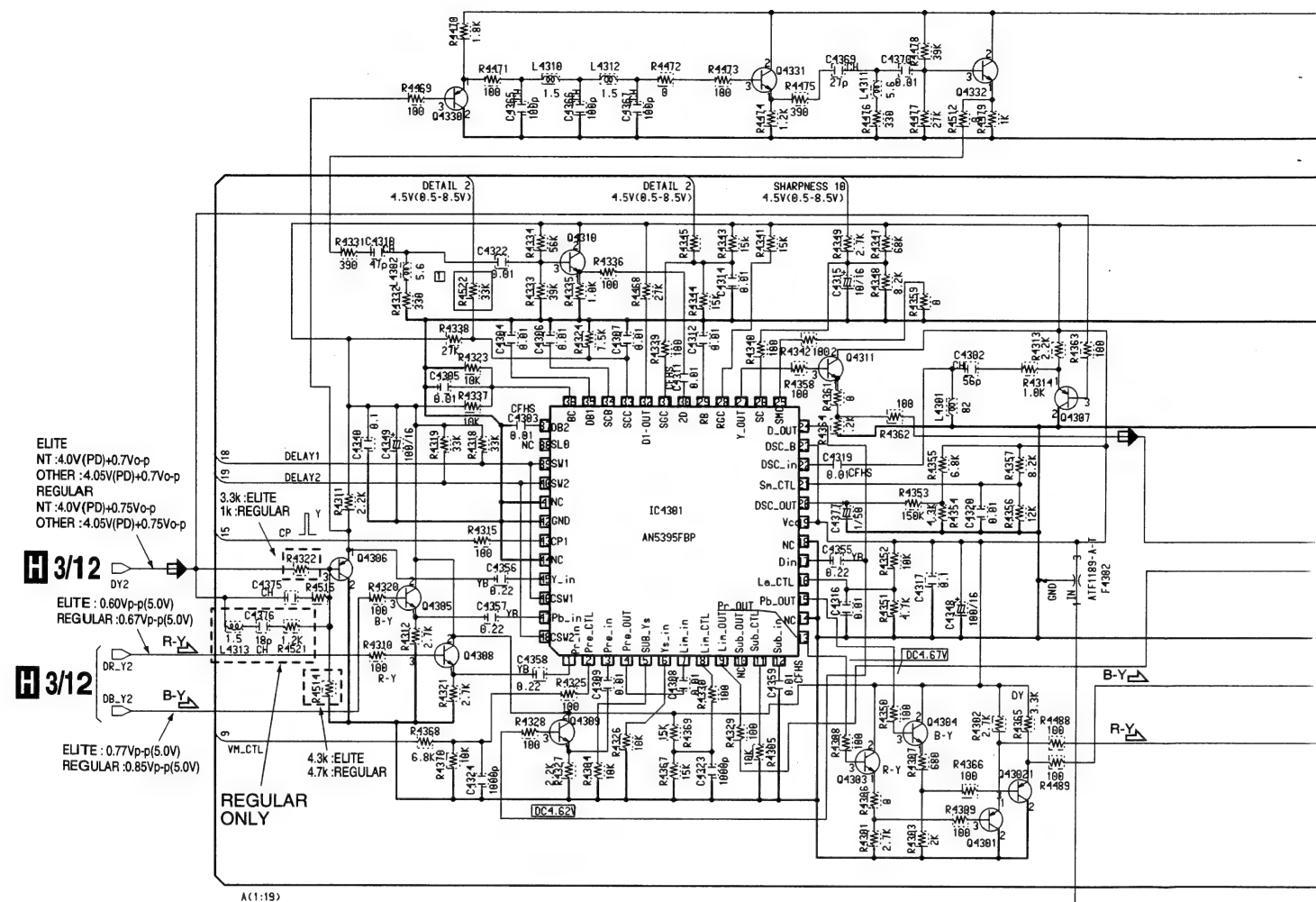
PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

H 4/12 SUB VIDEO SERVICE ASSY (AWV1819 :ELITE)
SUB VIDEO ASSY (AWV1806 :REGULAR)
• SUB UCOM BLOCK

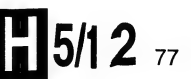





3.21 SUB VIDEO SERVICE and SUB VIDEO ASSYS (5/12)

3.21 SUB VIDEO SERVICE and SUB VIDEO ASSYS (5/12)



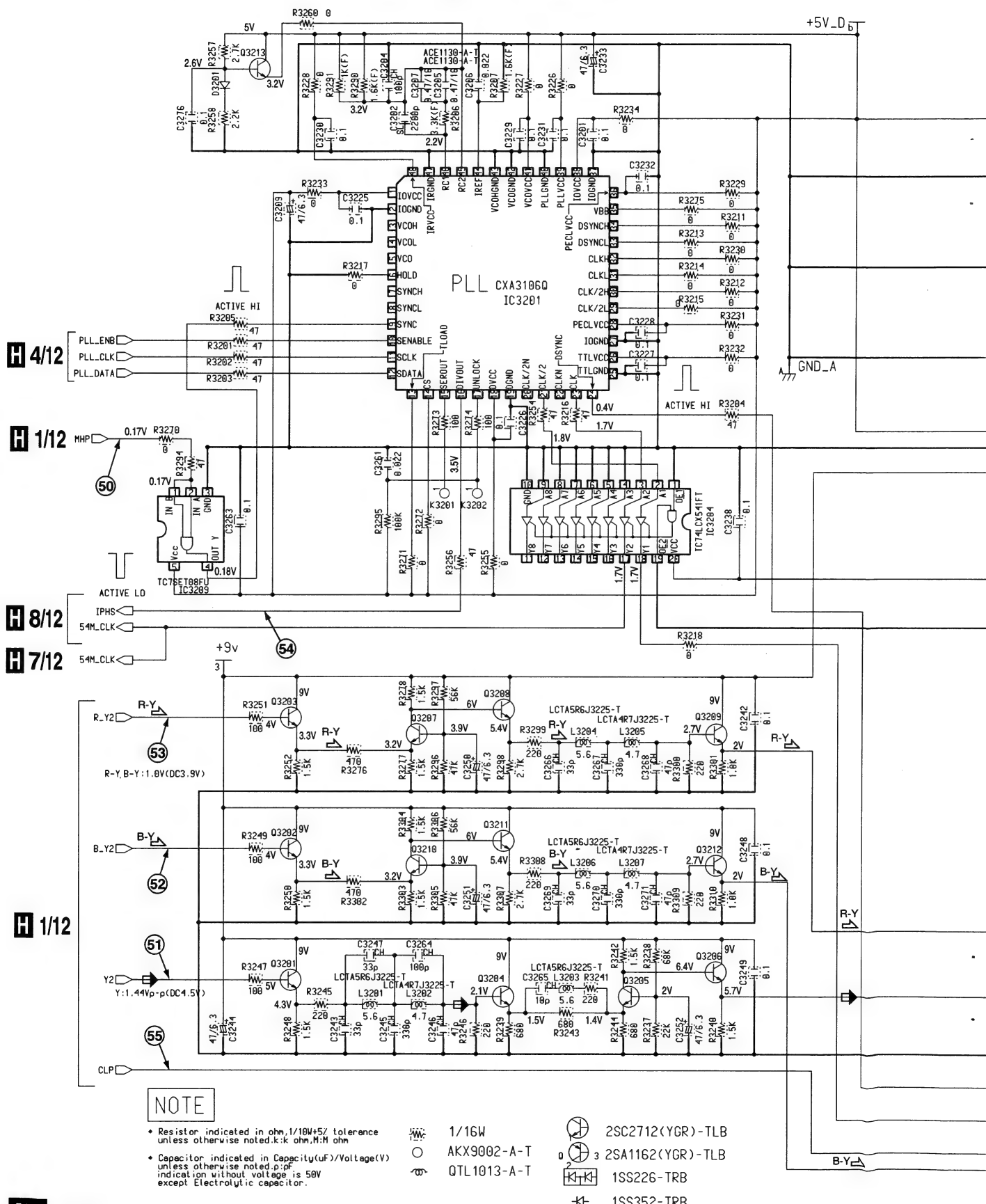
H 5/12



-  : Y SIGNAL ROUTE
 : R-Y SIGNAL ROUTE
 : B-Y SIGNAL ROUTE

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.22 SUB VIDEO SERVICE ASSY (6/12) (ELITE ONLY)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

H 6/12

SUB VIDEO SERVICE ASSY
(AWV1819 :ELITE)

• I/P BLOCK (1/5)

H 1/12

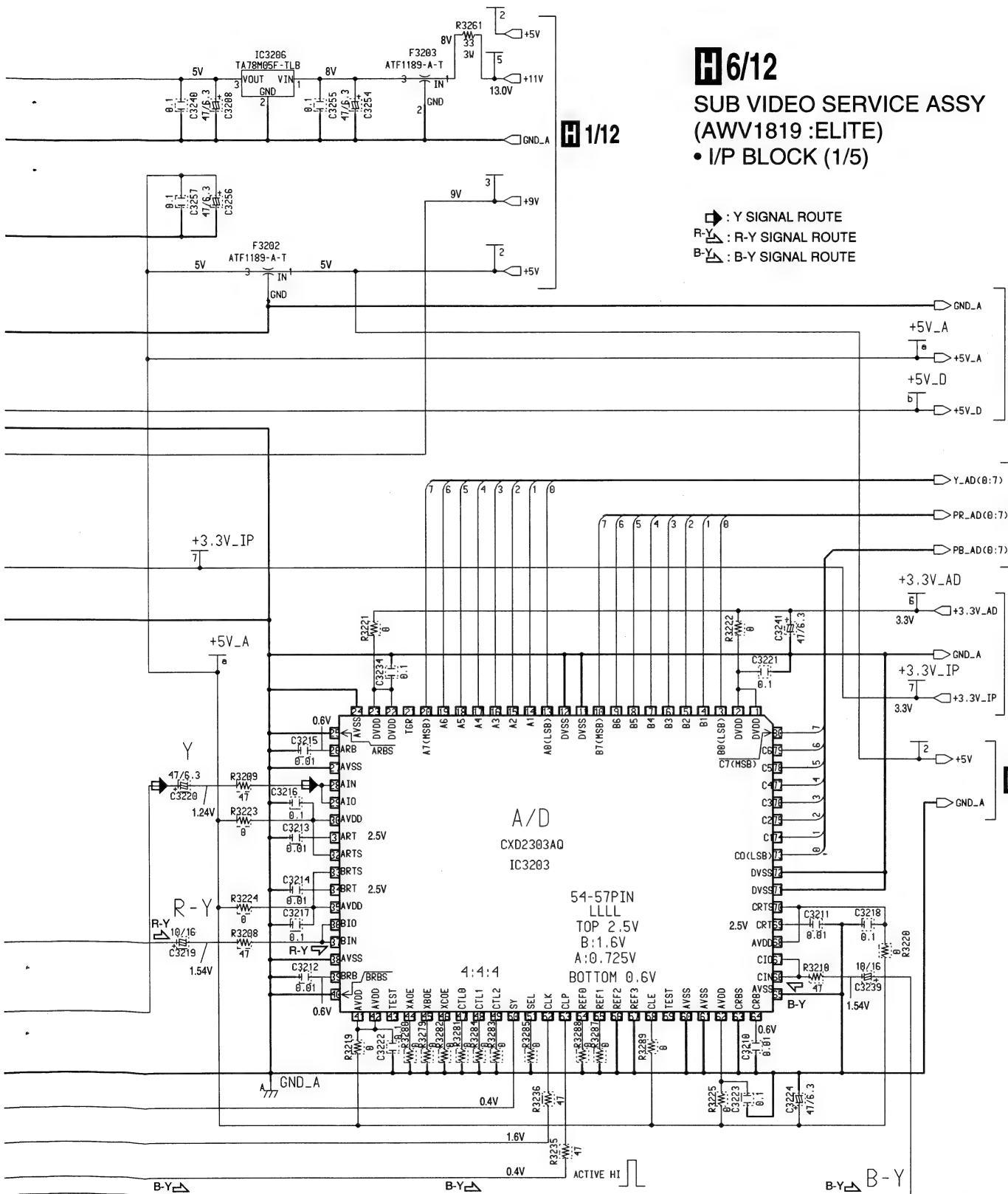
➡ : Y SIGNAL ROUTE
R-Y : R-Y SIGNAL ROUTE
B-Y : B-Y SIGNAL ROUTE

H 9/12

H 8/12

H 7/12

H 10/12

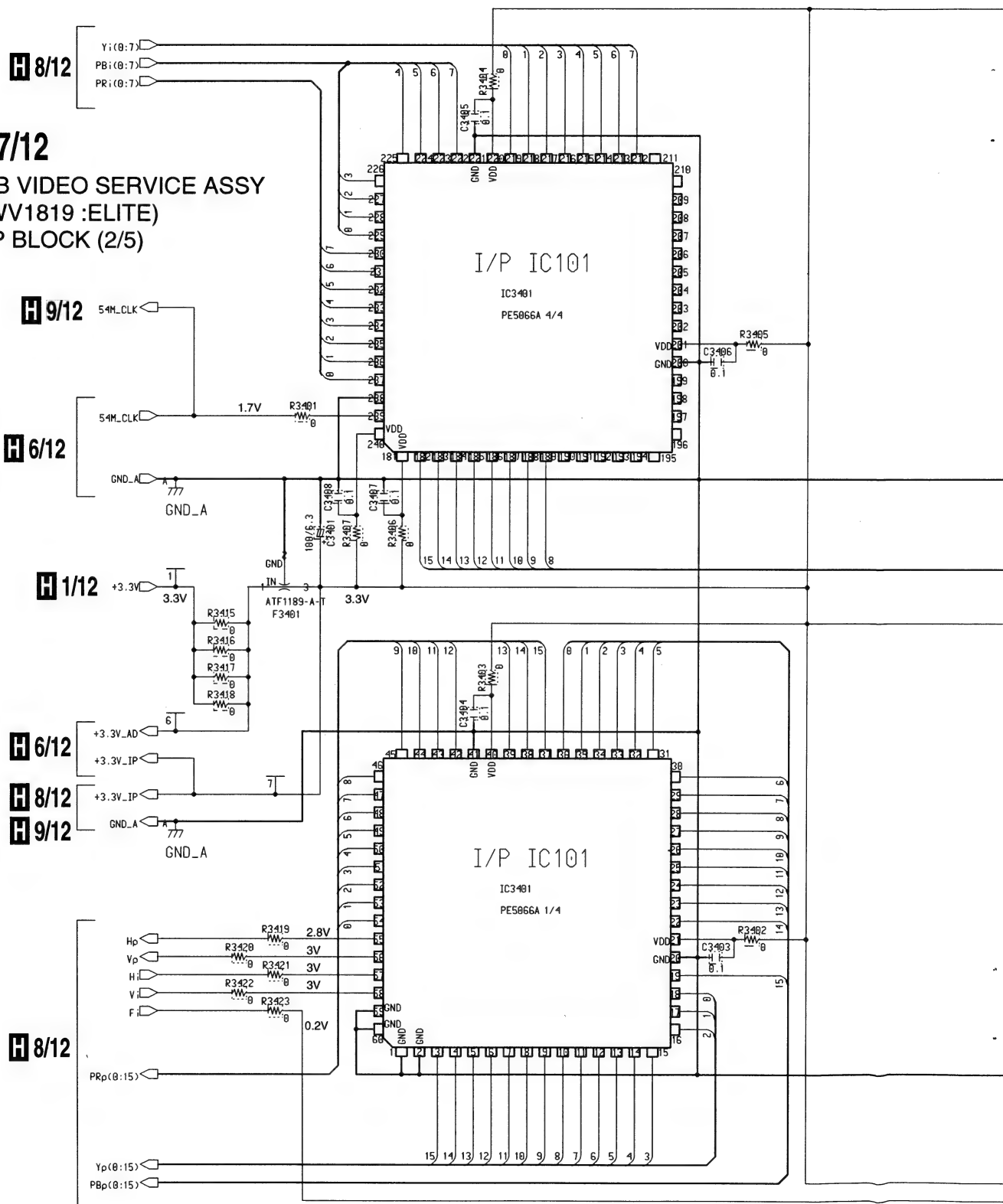


H 6/12 79

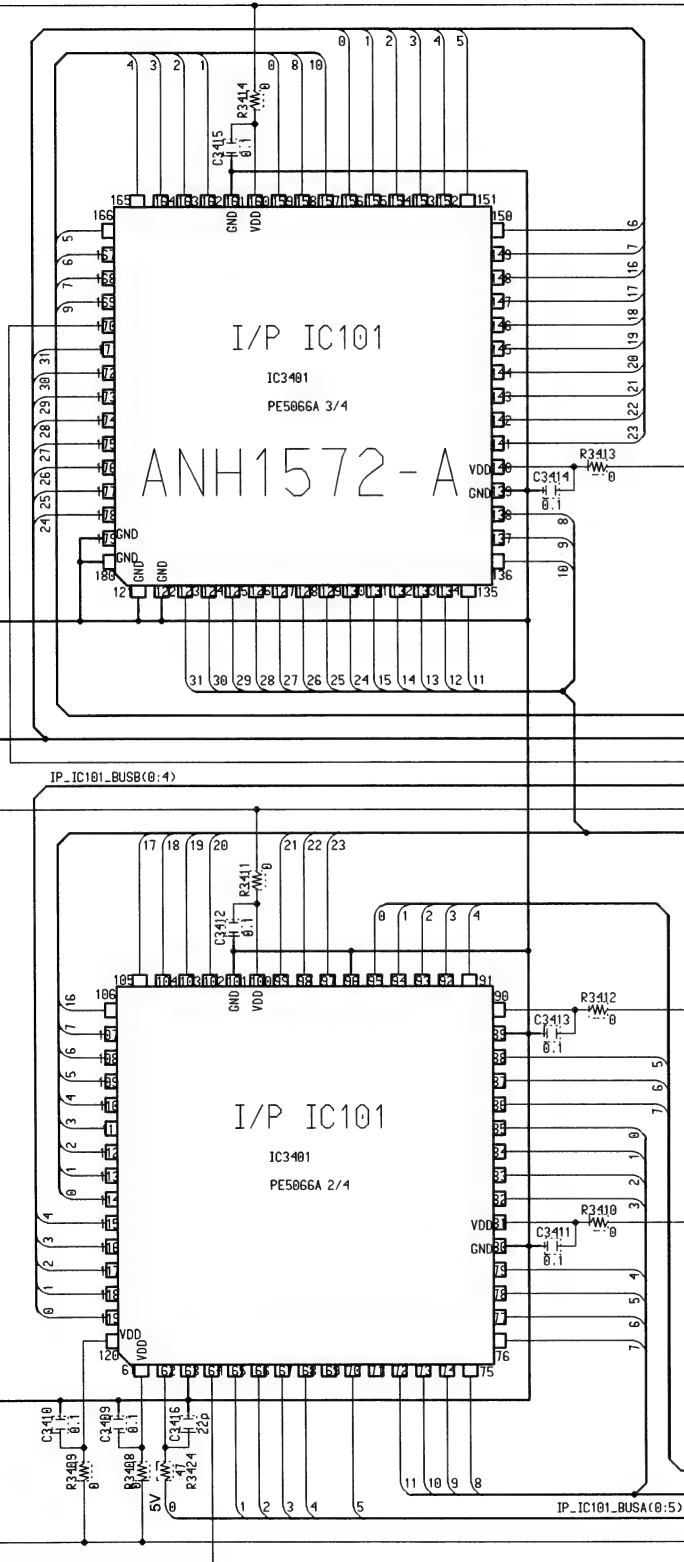
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.23 SUB VIDEO SERVICE ASSY (7/12) (ELITE ONLY)

7/12
SUB VIDEO SERVICE ASSY
(AWV1819 :ELITE)
• I/P BLOCK (2/5)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



NOTE

- Resistor indicated in ohm, 1/10W+5% tolerance unless otherwise noted. k:k ohm, M:M ohm
- Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted. p:pF indication without voltage is 50V except Electrolytic capacitor.

1/16W

AKX9002-A-T

QTL1013-A-T

2SC2712(YGR)-TLB

2SA1162(YGR)-TLB

1SS226-TRB

1SS352-TRB

H 9/12

H 10/12

H 7/12 81

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.24 SUB VIDEO SERVICE ASSY (8/12) (ELITE ONLY)

A

H 7/12

NOTE

• Resistor indicated in ohm,1/10W+5% tolerance unless otherwise noted.k:k ohm,M:M ohm

• Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted.p:pF indication without voltage is 50V except Electrolytic capacitor.

1/16W

AKX9002-A-T

QTL1013-A-T

2SC2712(YGR)-TLB

2SA1162(YGR)-TLB

1SS226-TRB

1SS352-TRB

B

C

H 10/12

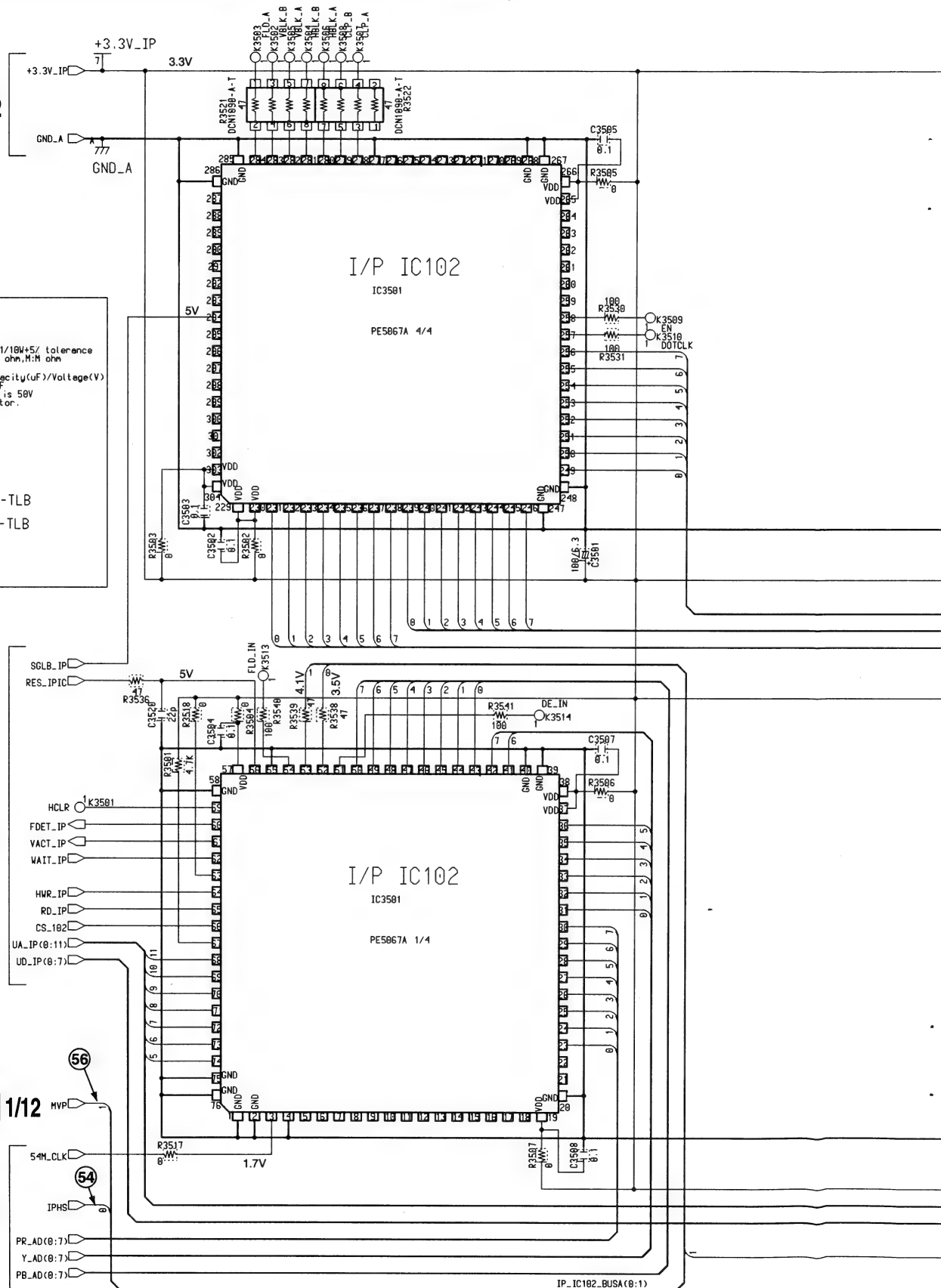
D

H 1/12

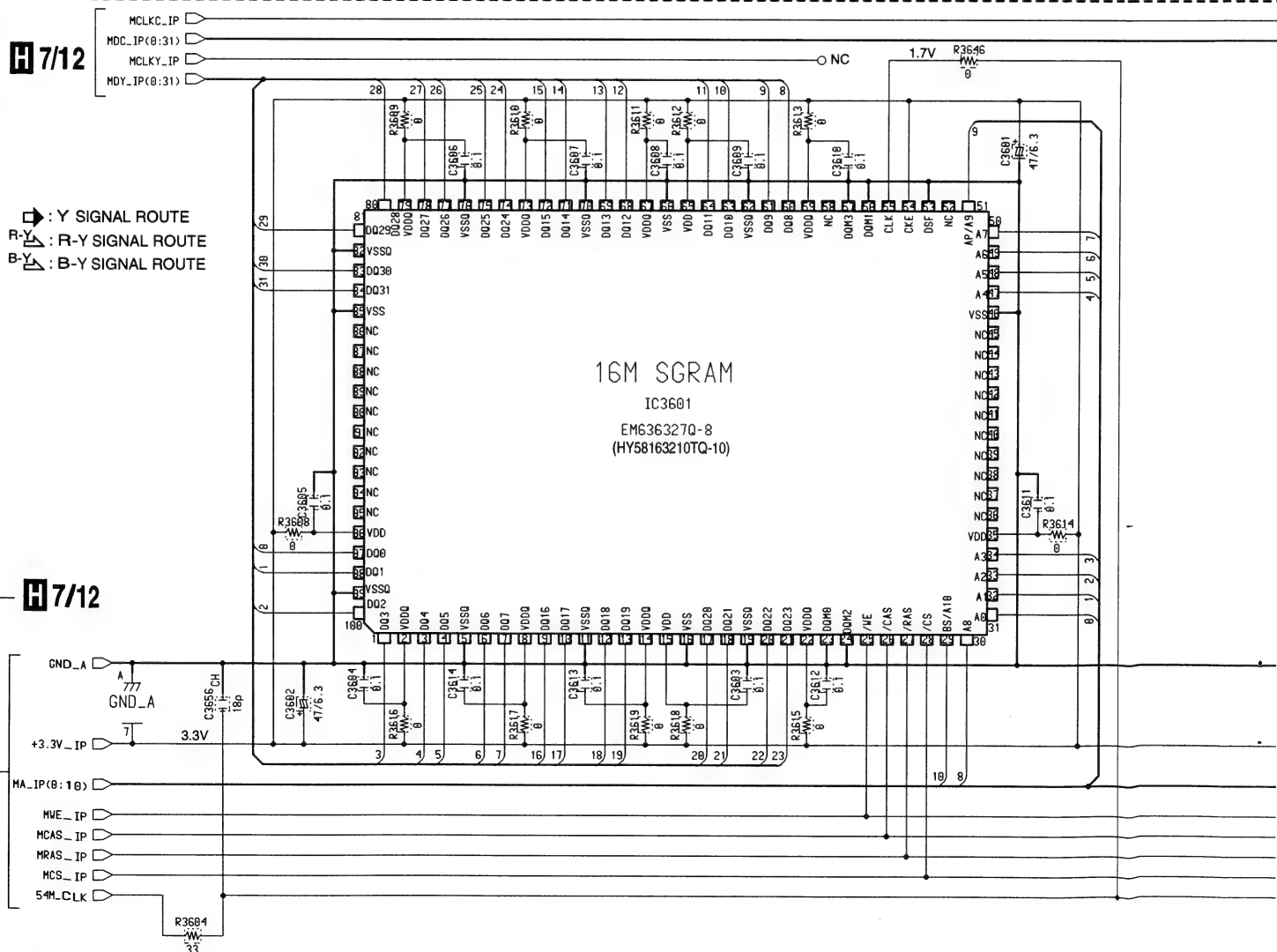
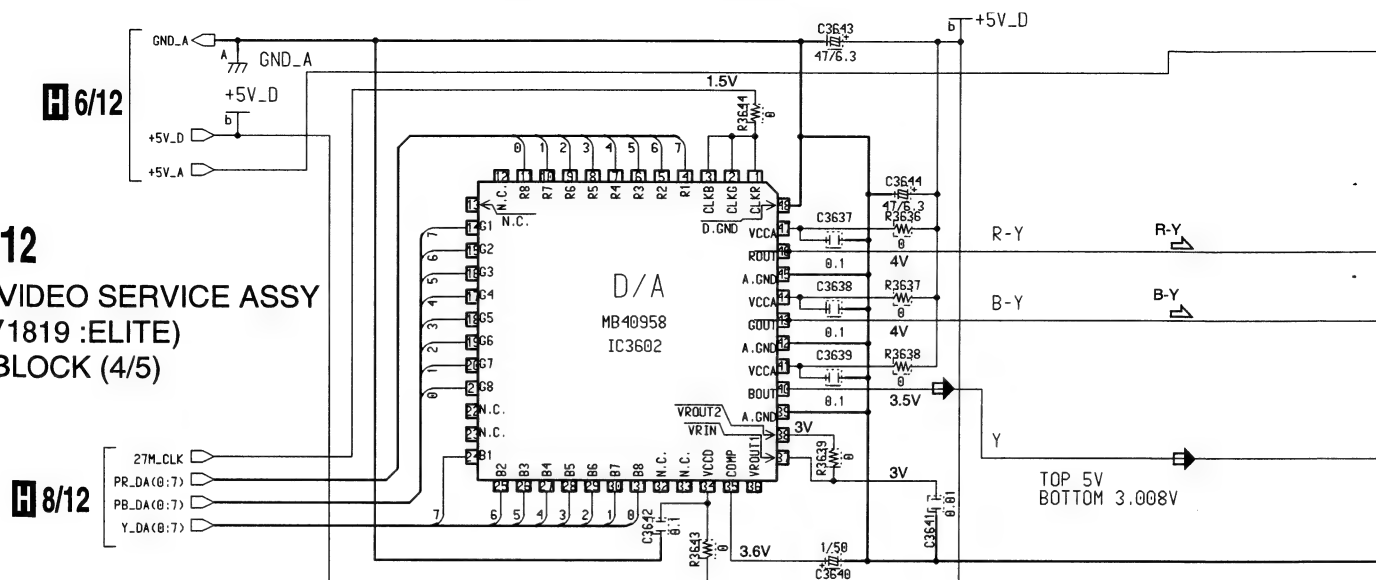
H 6/12

H 8/12

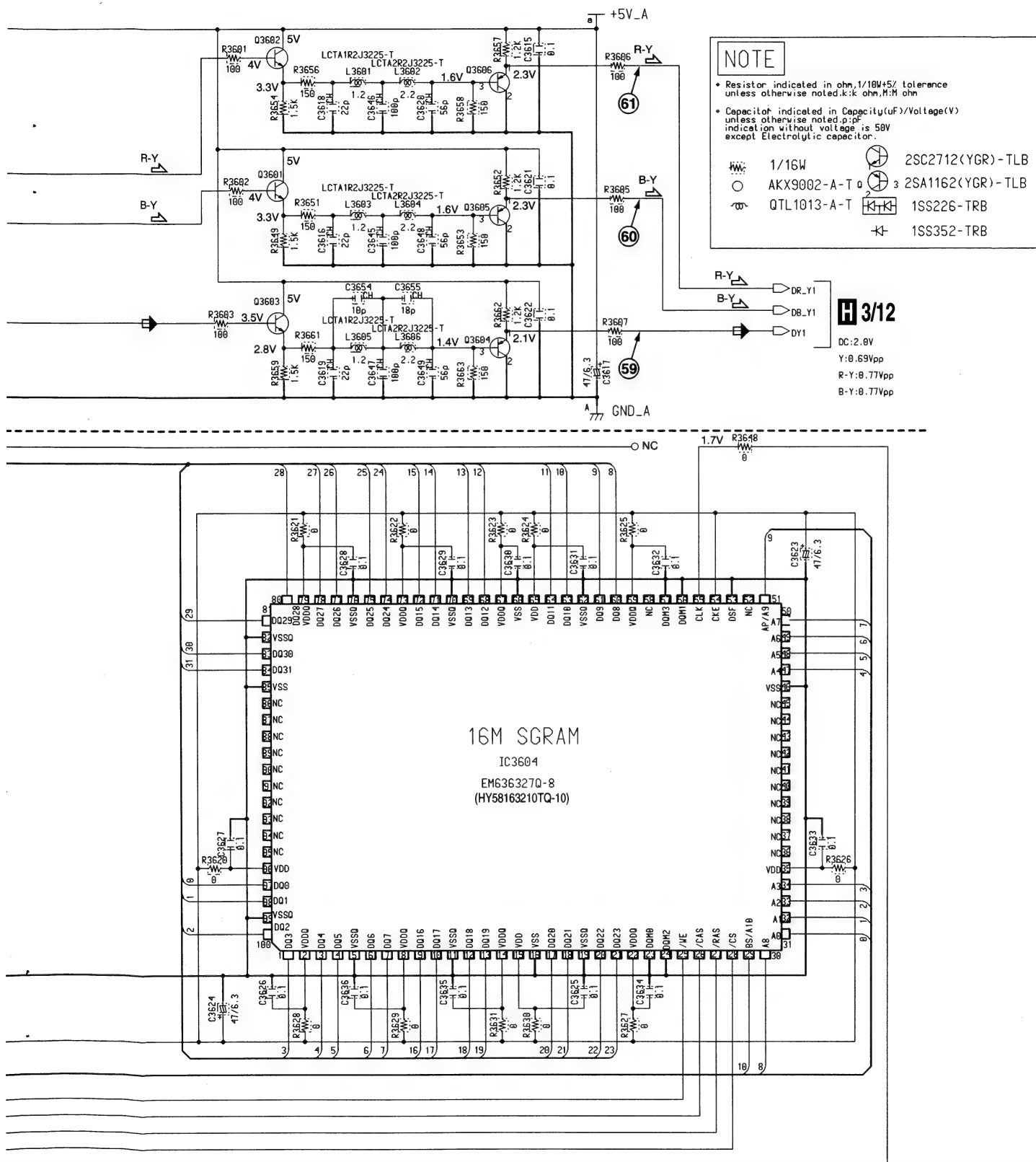
82



H 9/12
SUB VIDEO SERVICE ASSY
(AWV1819 :ELITE)
• I/P BLOCK (4/5)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



3.26 SUB VIDEO SERVICE ASSY (10/12) (ELITE ONLY)

3.26 SUB VIDEO SERVICE ASSY (10/12) (ELITE ONLY)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

IP_UCOM_BUS(0:6)

NOTE

• Resistor indicated in ohm, 1/10W±5% tolerance unless otherwise noted. k:k ohm, M:M ohm

• Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted. p:pF indication without voltage is 50V except Electrolytic capacitor.

1/16W	2SC2712(YGR)-TLB
AKX9002-A-T	2SA1162(YGR)-TLB
QTL1013-A-T	1SS226-TRB
	1SS352-TRB

I/P U-COM
PD3420 A
(HD64F3067RF20)
IC3801

H 7/12

H 8/12

H 6/12

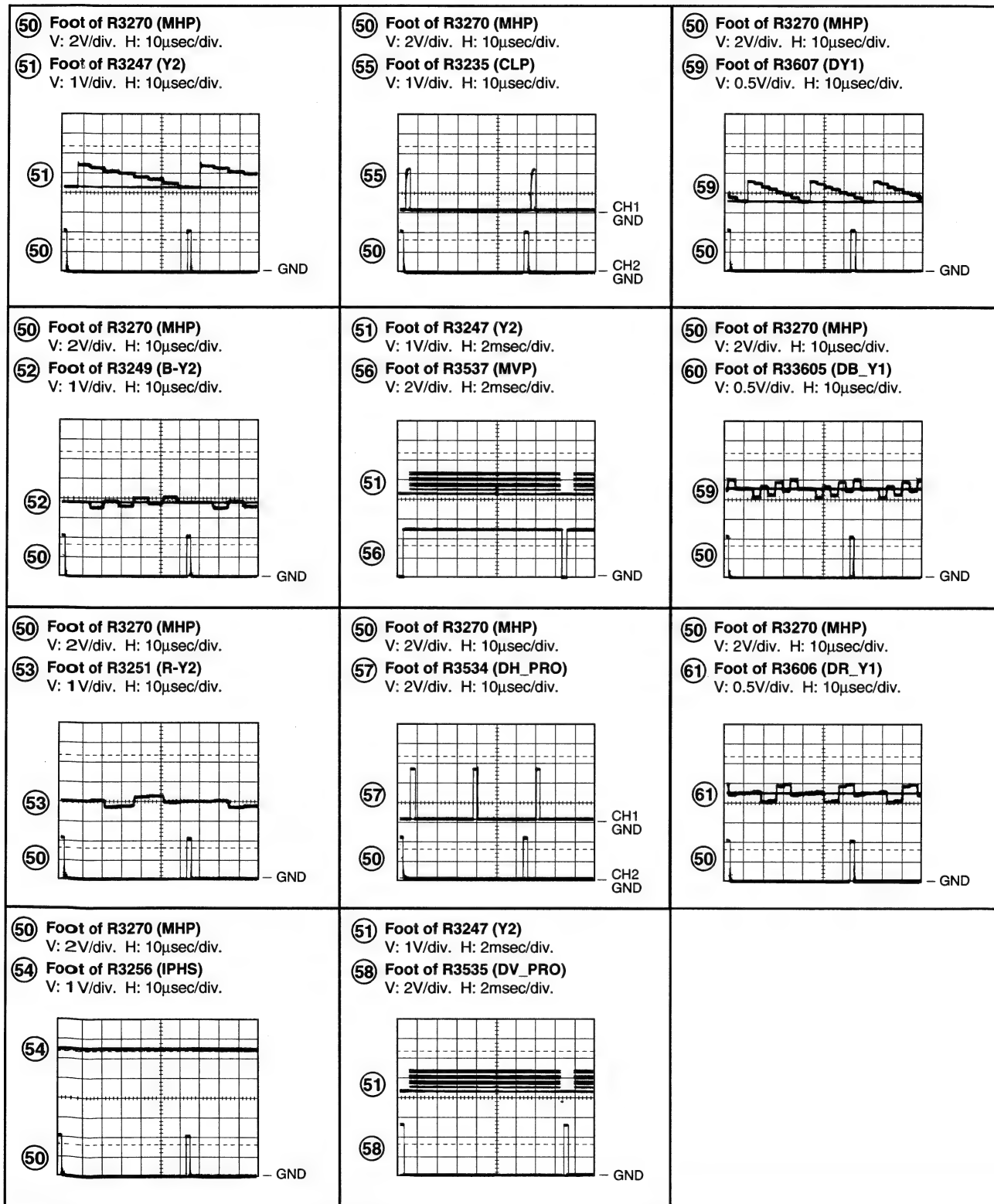
H 10/12 87

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

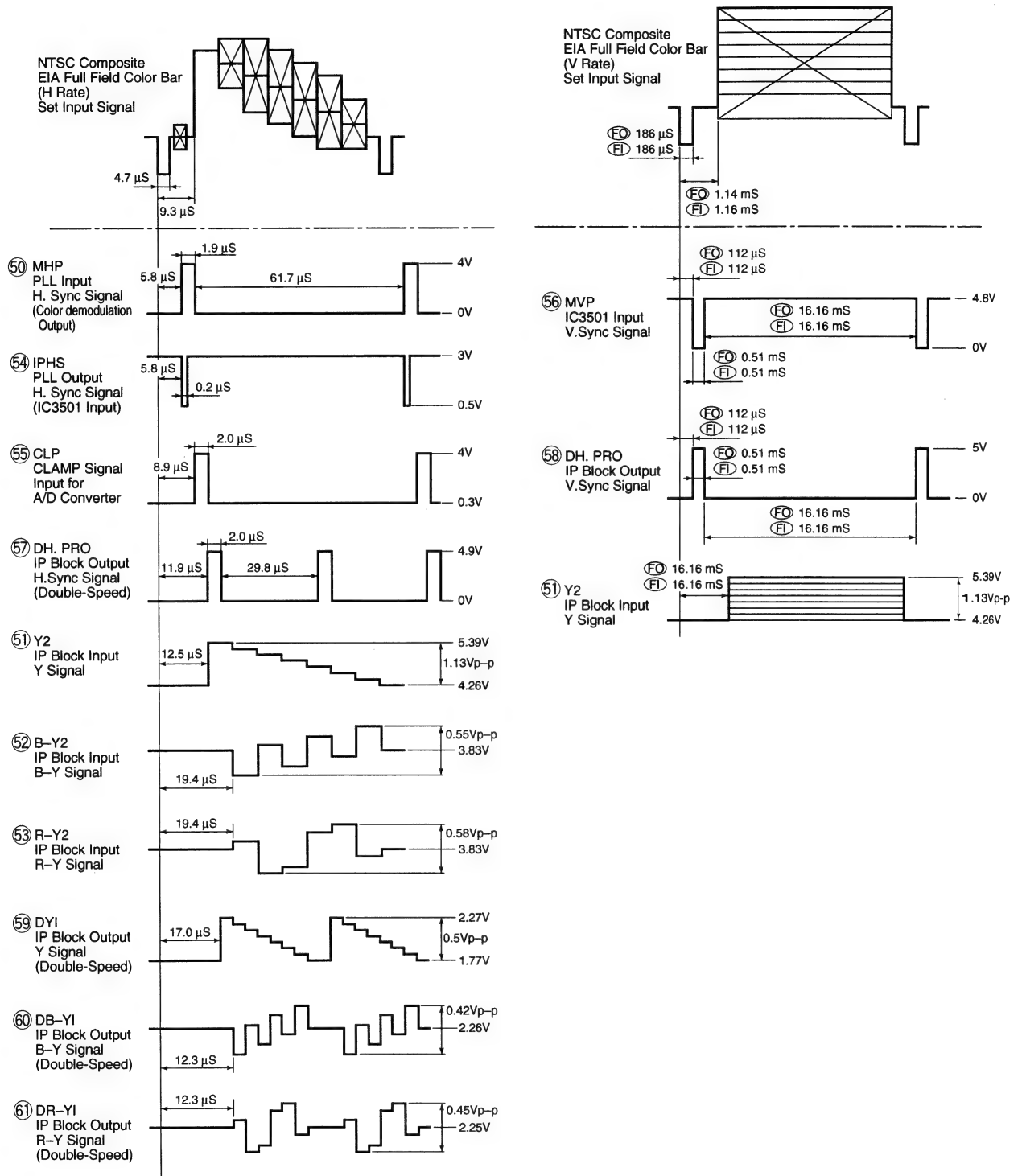
H 6/12 - 10/12

SUB VIDEO SERVICE ASSY (6/12-10/12)

Input signal
Video signal : EIA full field color-bar
Picture quality : Standard
Range :DC range (Unless otherwise noted)



PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



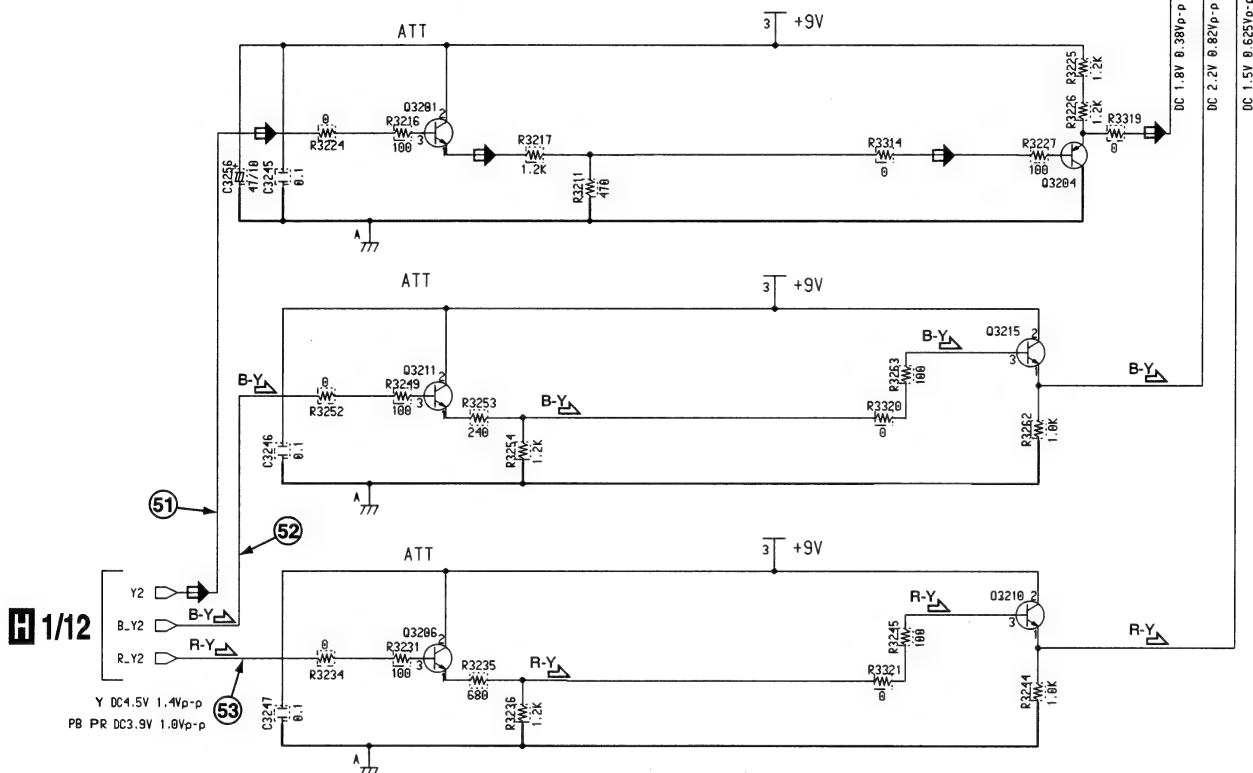
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.27 SUB VIDEO ASSY (11/12) (REGULAR ONLY)

H 11/12

SUB VIDEO ASSY (AWV1806 :REGULAR)
• I/P BLOCK (1/2)

H 12/12



Notes

1.RESISTORS

Indicated in **H**
Tolerance unless otherwise noted k **H**

2.CAPACITORS

Indicated in capacity(μF)/Voltage unless
otherwise noted p pF

Indication without voltage is 50V except electrolytic capacitor.



1/16W



AKX9002-A-T



QTL1013-A-T



2SC2712(YGR)-TLB



3 2SA1162(YGR)-TLB



1SS352-TRB

H : Y SIGNAL ROUTE

R-Y : R-Y SIGNAL ROUTE

B-Y : B-Y SIGNAL ROUTE

H 1/12

H 12/12

H 12/12

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.28 SUB VIDEO ASSY (12/12) (REGULAR ONLY)

12/12

SUB VIDEO ASSY
(AWV1806 :REGULAR)
• I/P BLOCK (2/2)

11/12

11/12

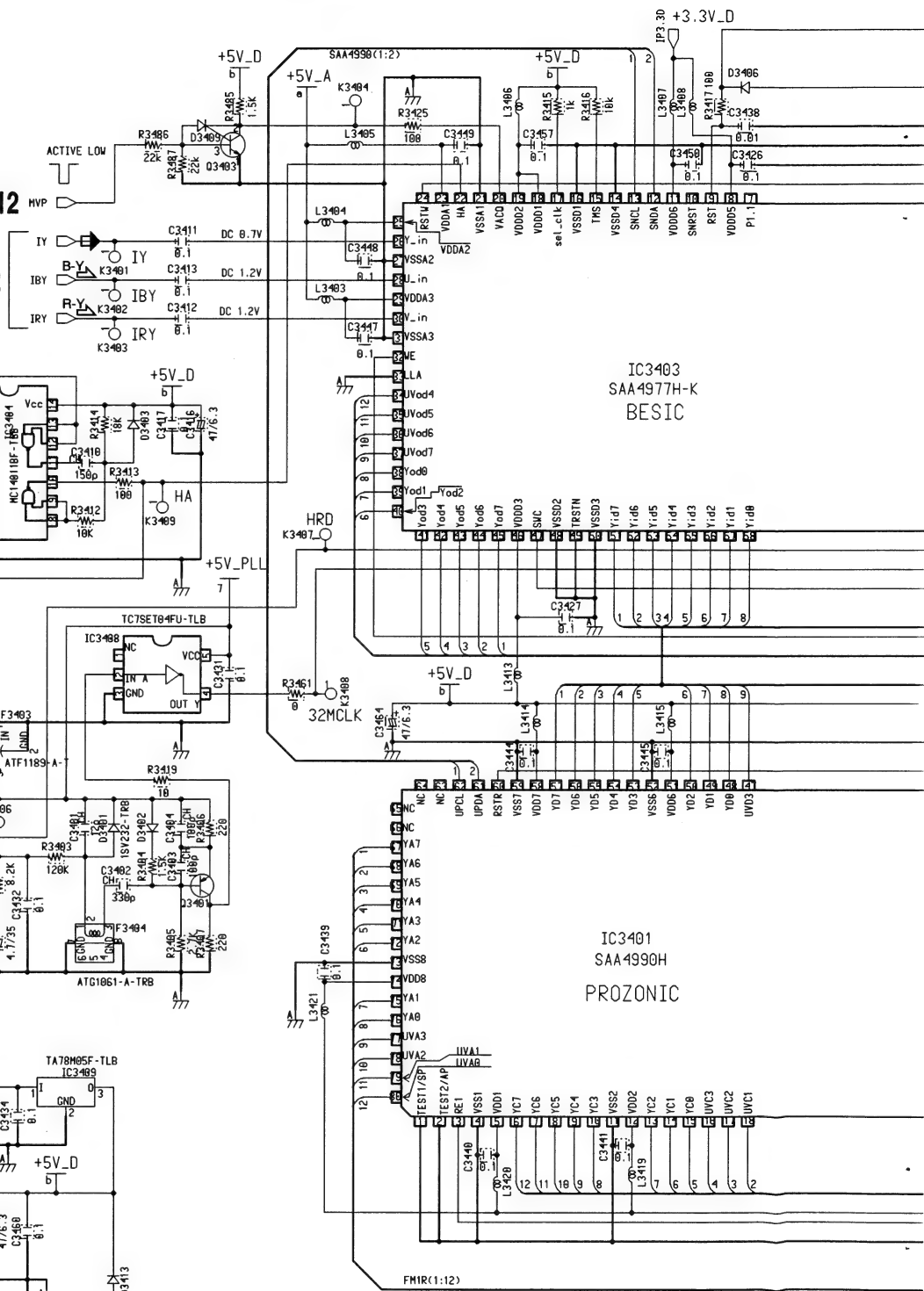
11/12

11/12

11/12

11/12

12/12



Notes

1. RESISTORS

Indicated in Ω
tolerance unless otherwise noted k Ω

2. CAPACITORS

Indicated in capacity (uF)/Voltage unless
otherwise noted p pF

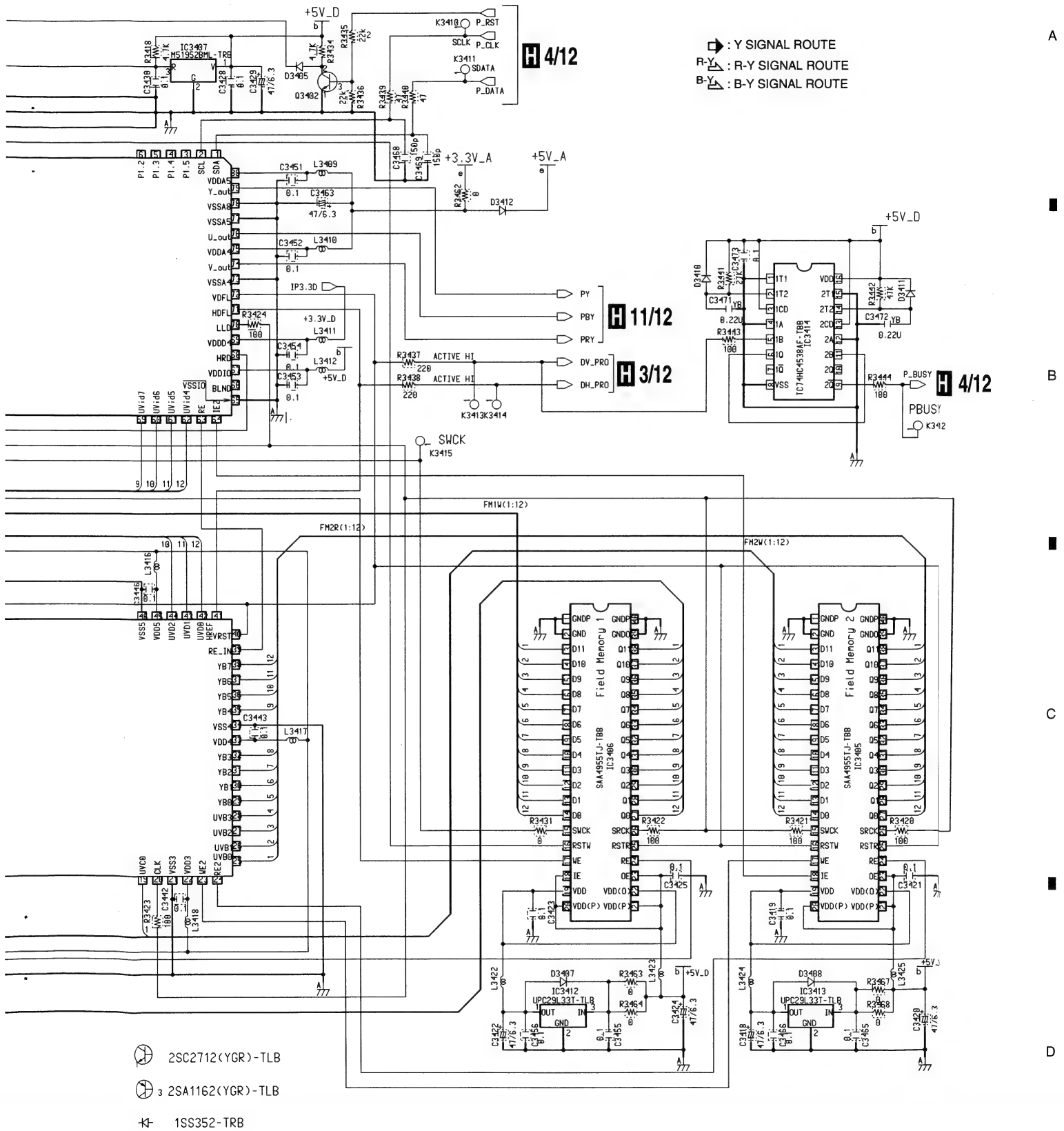
Indication without voltage is 50V except electrolytic capacitor.

1/16W

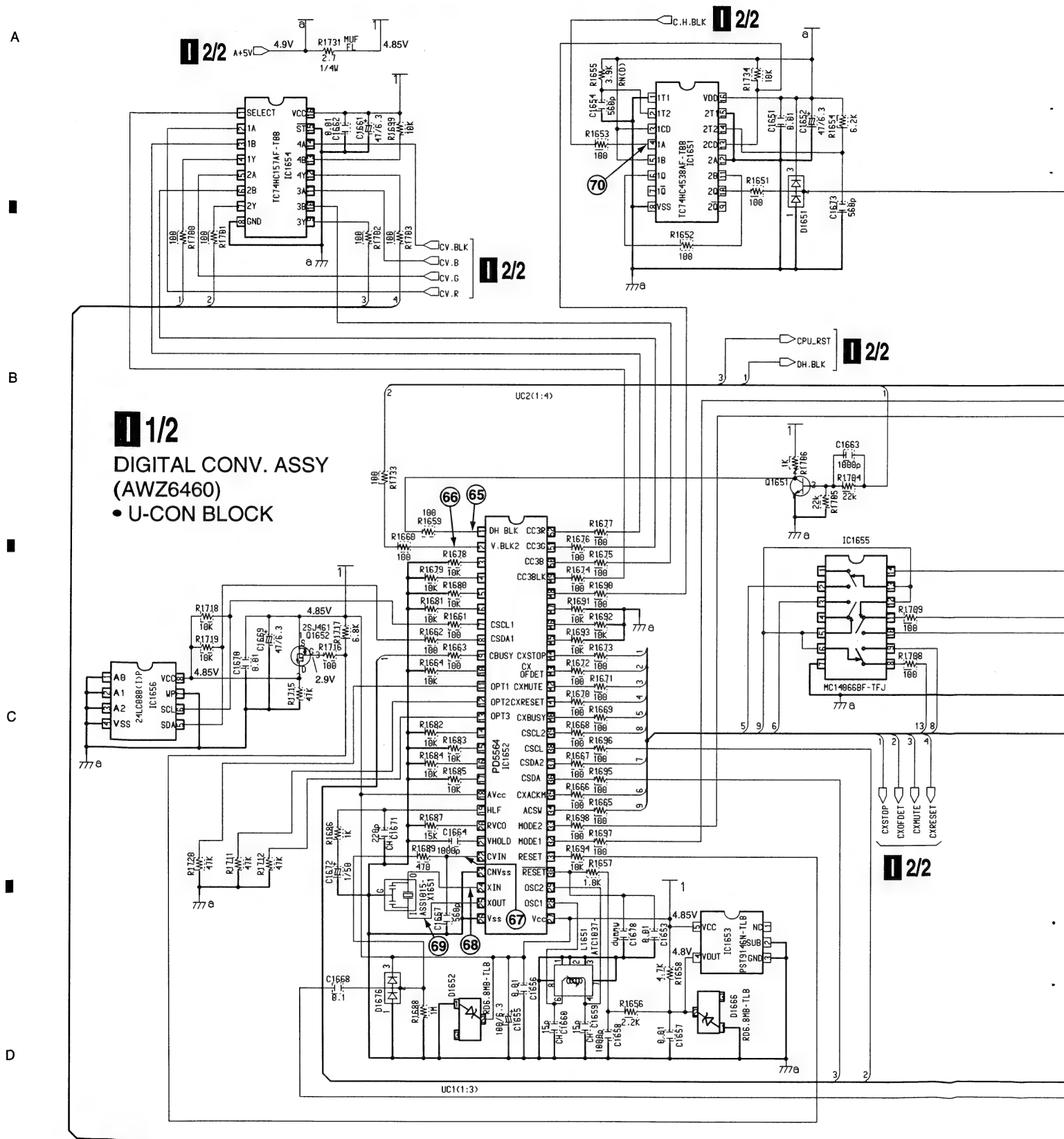
AKX9002-A-T

QTL1013-A-T

PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

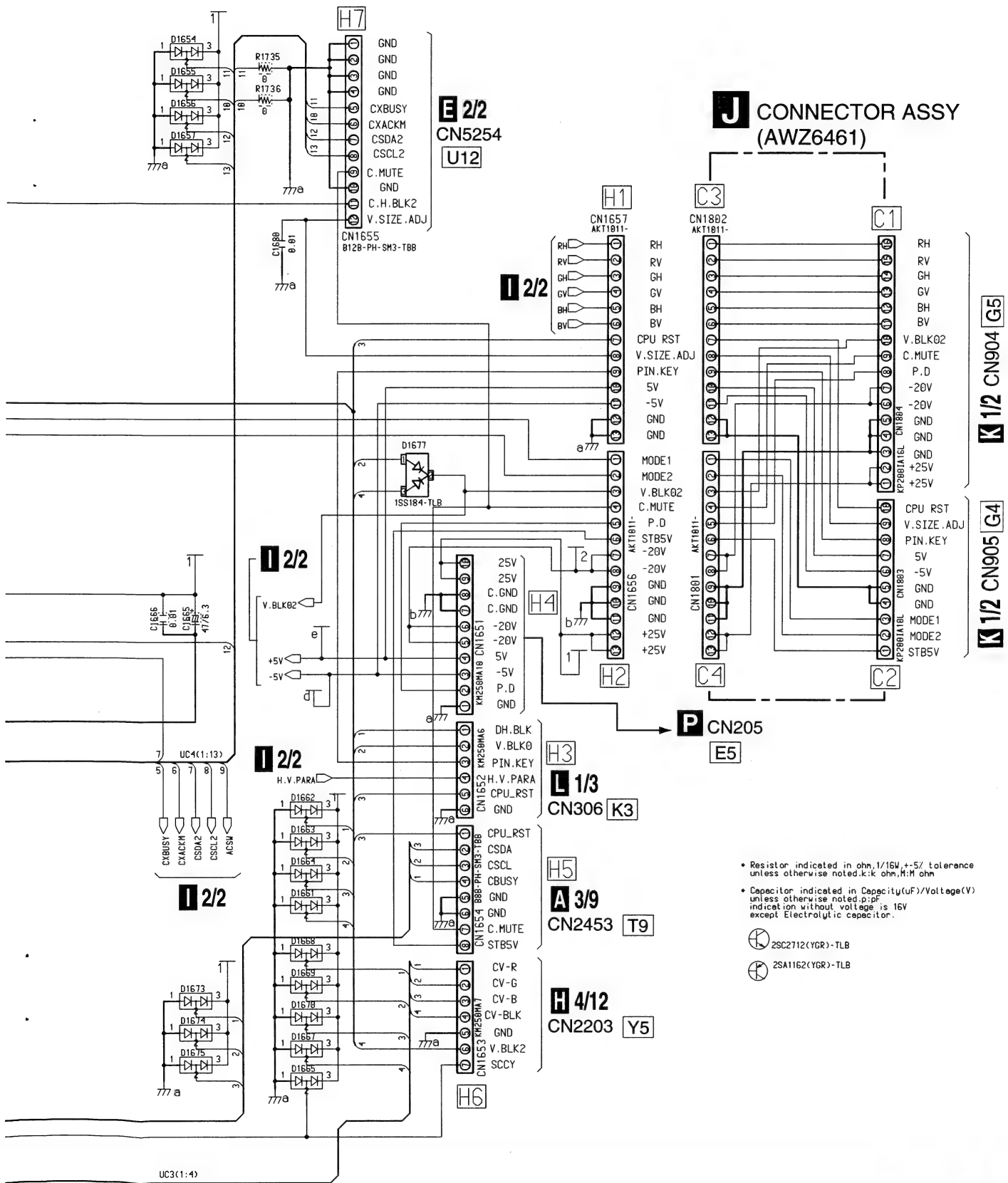


94 **1 1/2**



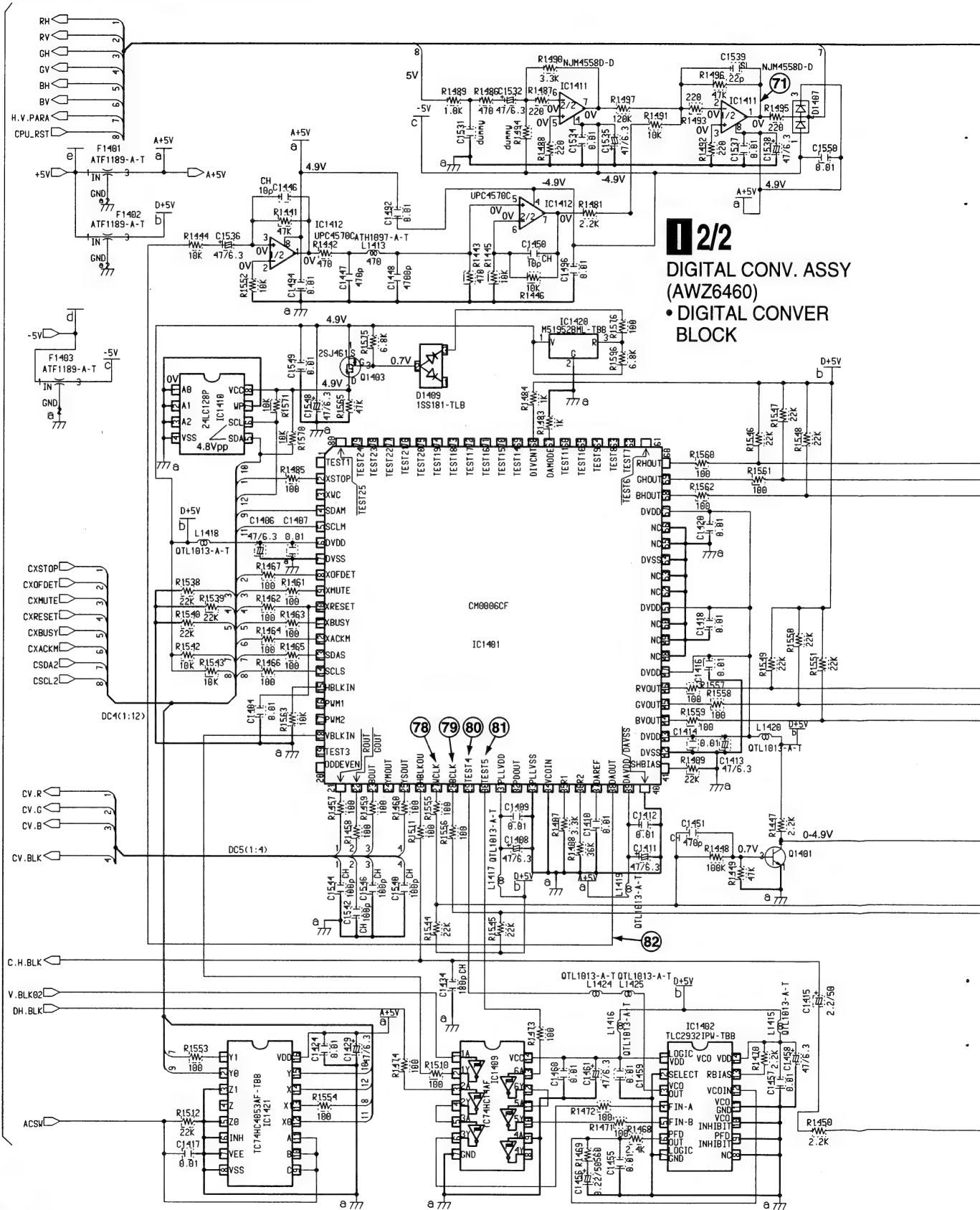
5 6 7 8

PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

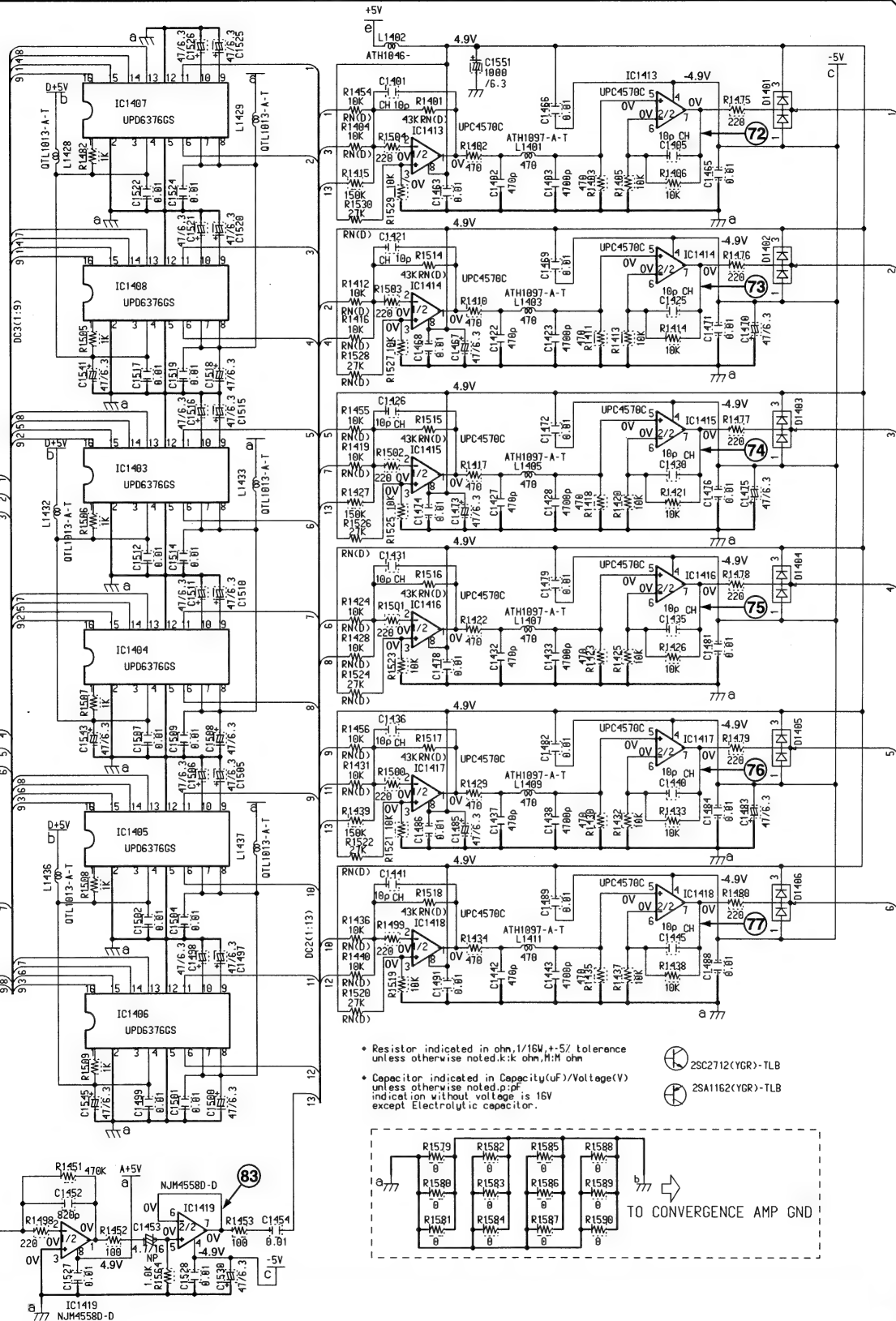
3.30 DIGITAL CONV. ASSY (2/2)



2/2
DIGITAL CONV. ASSY
(AWZ6460)
• DIGITAL CONVER
BLOCK

PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

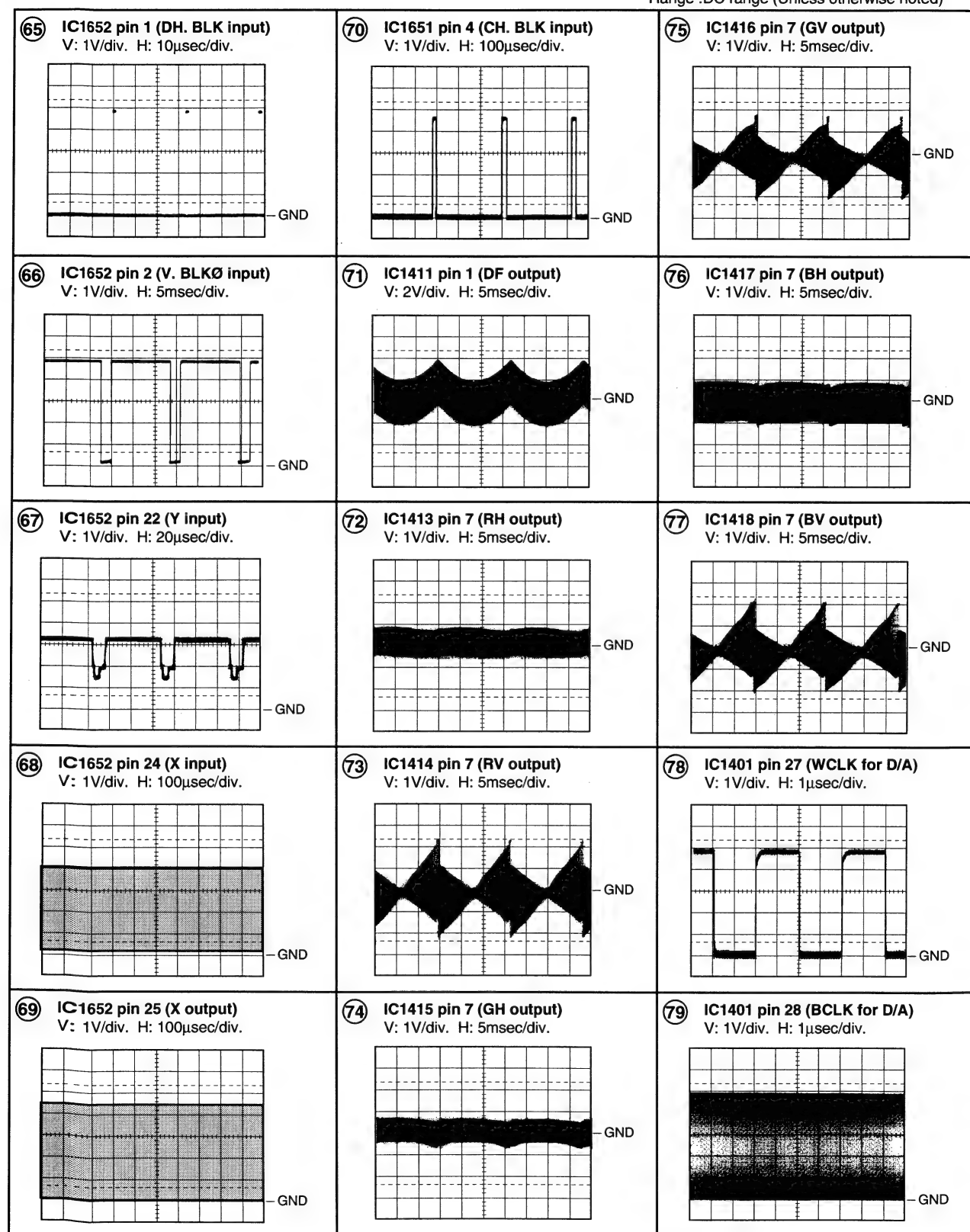
DC1(1:8)



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

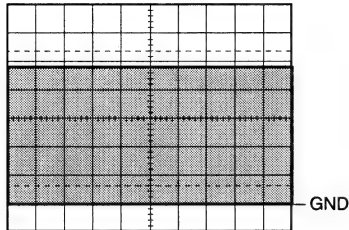
G DIGITAL CONV. ASSY

Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range : DC range (Unless otherwise noted)

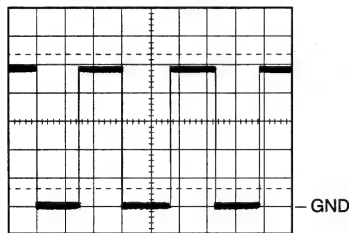


1/2 DIGITAL CONV. ASSY (2/2)

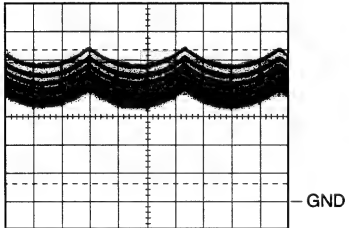
⑧⑩ IC1401 pin 29 (PLL CLK (35MHz))
V: 1V/div. H: 1μsec/div.



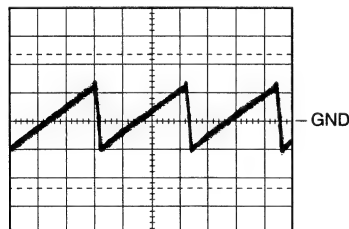
⑧⑪ IC1401 pin 30
(Output after PLL division)
V: 1V/div. H: 1μsec/div.



⑧⑫ IC1401 pin 38 (DF output)
V: 0.5V/div. H: 5msec/div.



⑧⑬ IC1419 pin 7 (For H pulse cancel)
V: 1V/div. H: 10μsec/div.



IC1401 (CM0006CF)

Pin No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)
1	4.9	21	0	41	1.2	61	4.9
2	4.85	22	0	42	0	62	4.9
3	0	23	0	43	4.9	63	4.9
4	4.8Vpp	24	0	44	4.9Vpp	64	4.9
5	4.8Vpp	25	0	45	4.9Vpp	65	4.9
6	4.9	26	4.6Vpp	46	4.9Vpp	66	4.9
7	0	27	4.8Vpp	47	4.9	67	0
8	4.85	28	4.8Vpp	48	0	68	4.8
9	4.8	29	4.8Vpp	49	0	69	4.9
10	4.8	30	4.8Vpp	50	0	70	4.9
11	4.8Vpp	31	4.9	51	4.9	71	4.9
12	4.8Vpp	32	0	52	0	72	4.9
13	4.8Vpp	33	0	53	0	73	4.9
14	4.8Vpp	34	0	54	0	74	4.9
15	0	35	1.2	55	0	75	4.9
16	2.4	36	0	56	0	76	4.9
17	2.4	37	3.2	57	4.9	77	4.9
18	4.9Vpp	38	1Vpp	58	4.9Vpp	78	4.9
19	4.9	39	4.9	59	4.9Vpp	79	4.9
20	4.9	40	0	60	4.9Vpp	80	4.9

IC1421
(TC74HC4053AF)

Pin No.	Voltage (V)
1	4.8Vpp
2	4.8Vpp
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	4.8Vpp
13	4.8Vpp
14	4.8Vpp
15	4.8Vpp
16	4.9

IC1403, IC1405,
IC1407
(UPD6376GS)

Pin No.	Voltage (V)
1	4.85
2	0
3	0
4	4.9
5	0
6	1.6
7	4.9
8	4.9
9	2.1
10	2.1
11	1.6
12	0
13	2.4
14	2.1
15	2.2
16	2.1

IC1409
(TC74HC14AF)

Pin No.	Voltage (V)
1	4.8Vpp
2	4.8Vpp
3	4.8Vpp
4	4.9Vpp
5	4.9Vpp
6	4.9Vpp
7	0
8	0
9	0
10	4.9Vpp
11	4.9Vpp
12	4.9Vpp
13	4.9Vpp
14	4.9

IC1402
(TLC2932IPW)

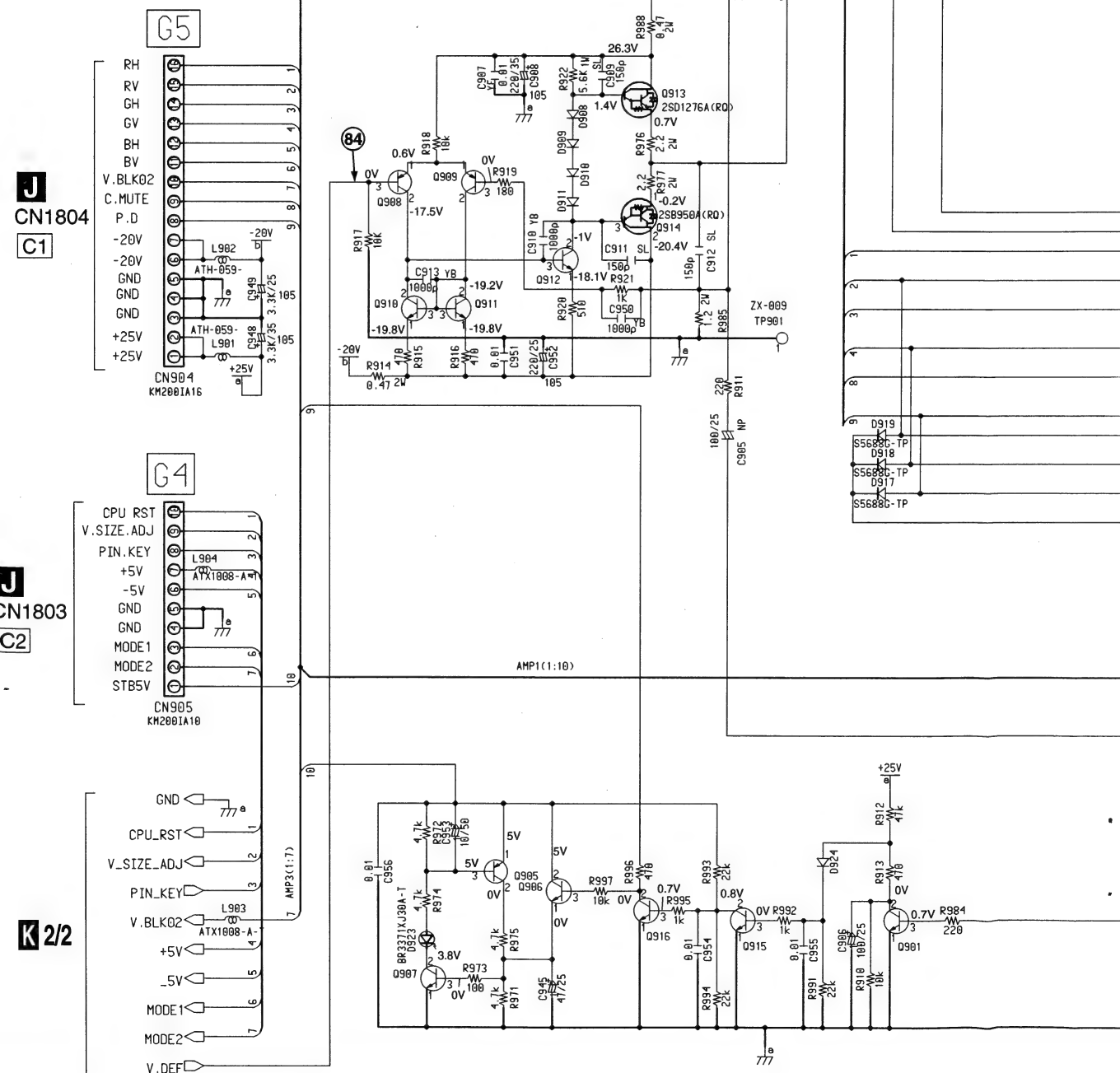
Pin No.	Voltage (V)
1	4.9
2	0
3	4.8Vpp
4	4.9Vpp
5	4.9Vpp
6	1.8
7	0
8	0
9	0
10	0
11	0
12	1.8
13	3.6
14	4.9

3.31 CONV. AMP ASSY (1/2)

K 1/2

CONV. AMP ASSY
(AWZ6456)

- CONVER AMP BLOCK

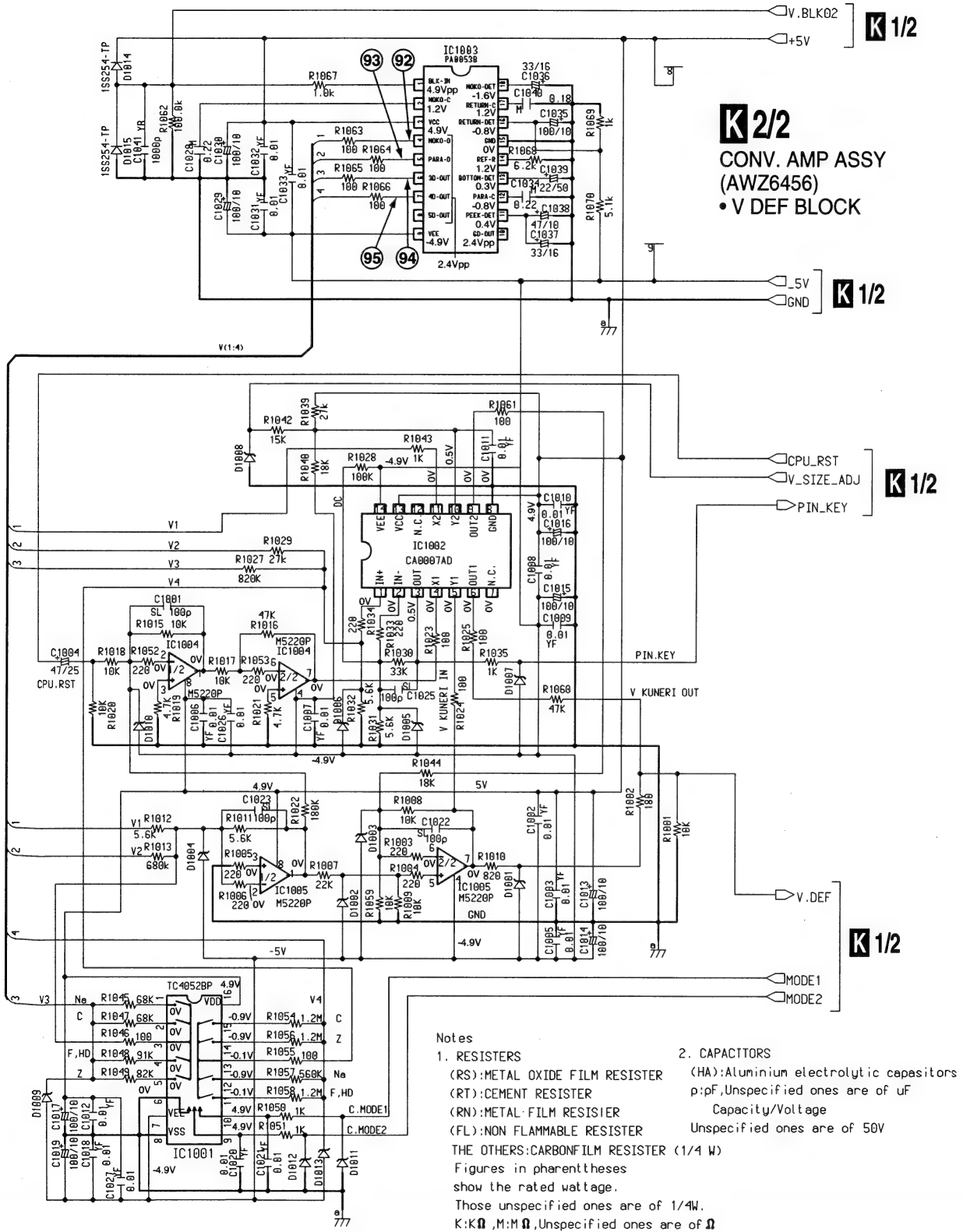


K 2/2

K 1/2

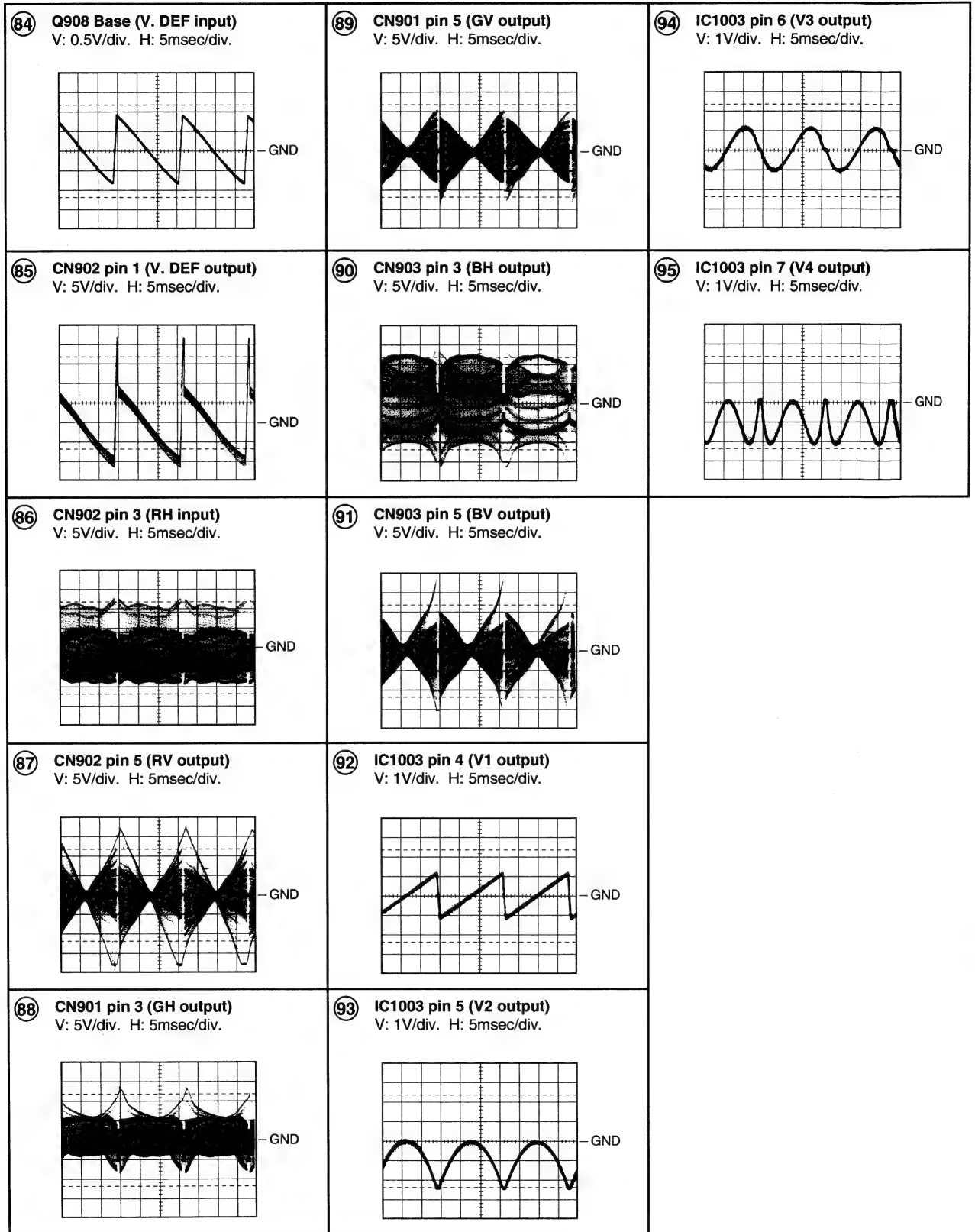
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.32 CONV. AMP ASSY (2/2)



K CONV. AMP ASSY

Input signal
 Video signal : EIA full color-bar
 Picture quality : Standard
 Range :DC range (Unless otherwise noted)



A

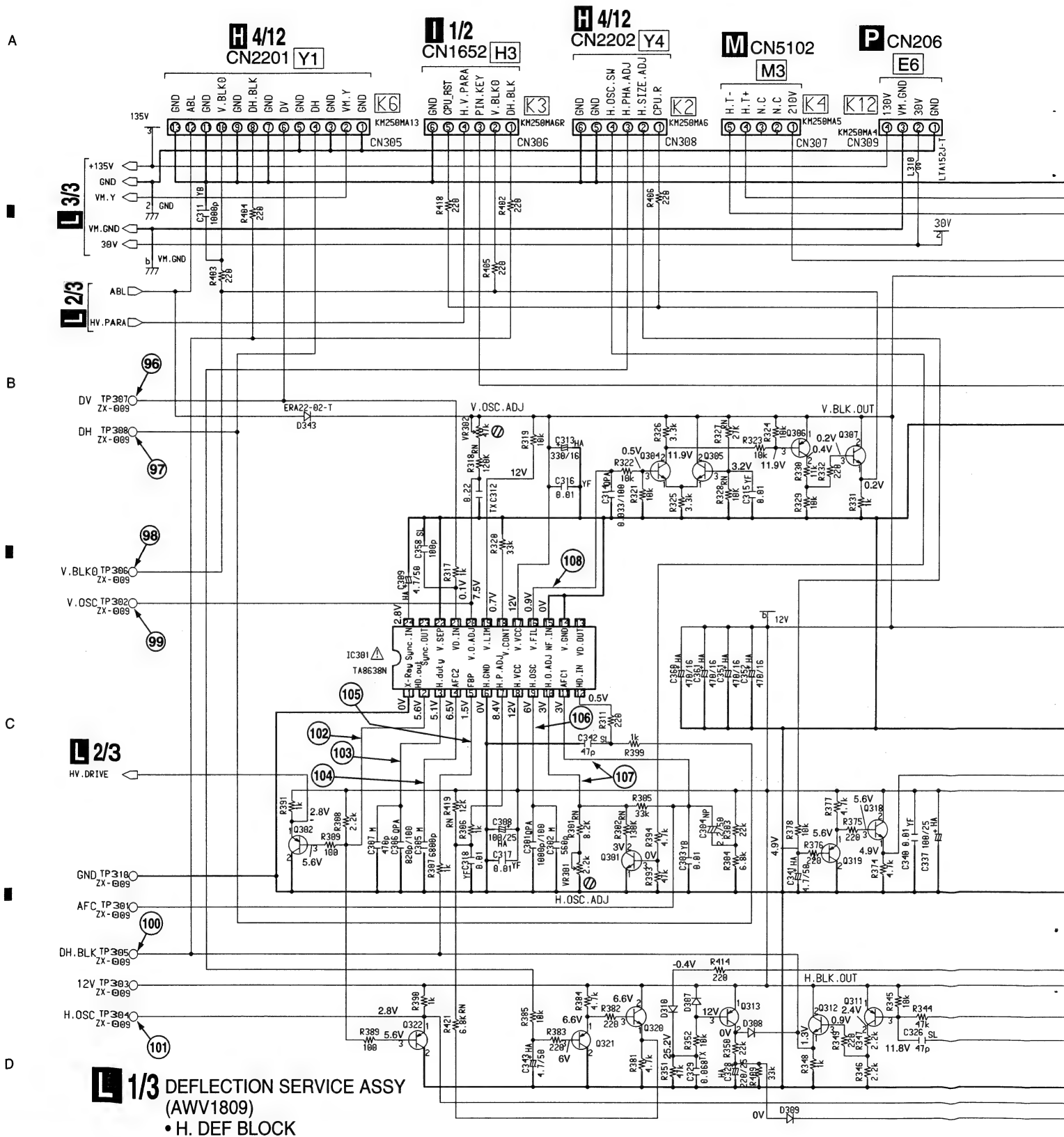
B

C

D

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.33 DEFLECTION SERVICE ASSY (1/3)



E7



Notes	CEHAT	CEANP	CQPA	CQMA	CFTXA	CKCYF	CKCYB	CKCYB
2SC1740S(RS)-T	CEHAT-M-T	CEANP-M50-T	CQPA-J2A-T	CQMA-J50-T	CFTXA-J50-T	CKCYF-J50-T	CKCYB-K50-T	CKCYB-K50-T
2SA933S(RS)-T	CEHAT-M-T	CEANP-M50-T	CQPA-J2A-T	CQMA-J50-T	CFTXA-J50-T	CKCYF-J50-T	CKCYB-K50-T	CKCYB-K50-T
1SS254-T	CEHAT-M-T	CEANP-M50-T	CQPA-J2A-T	CQMA-J50-T	CFTXA-J50-T	CKCYF-J50-T	CKCYB-K50-T	CKCYB-K50-T

1. RESISTERS
(RS):METAL OXIDE FILM RESISTER
(RT):CEMENT RESISTER
(RN):METAL FILM RESISTER
(FL):NON FLAMMABLE RESISTER
THE OTHERS:CARBON FILM RESISTER (1/4 W)
Figures in parenttheses
show the rated wattage.
Those unspecified ones are of 1/4W.
K:K, M:M, ~~M~~, Unspecified ones are of ~~M~~
2. CAPACITORS
(HA):Aluminium electrolytic capacitors
p:pF, Unspecified ones are of uF
Capacity/Voltage
Unspecified ones are of 50V
3. The Δ mark found on same component
parts of indicates the importance of
the safety factor of the parts.
Therefore,when replacing,be sure to
use parts of identical designation.



L1 (R)
L2 (G)
L3 (B)

DEFLECTION YOKE

3.34 DEFLECTION SERVICE ASSY (2/3)

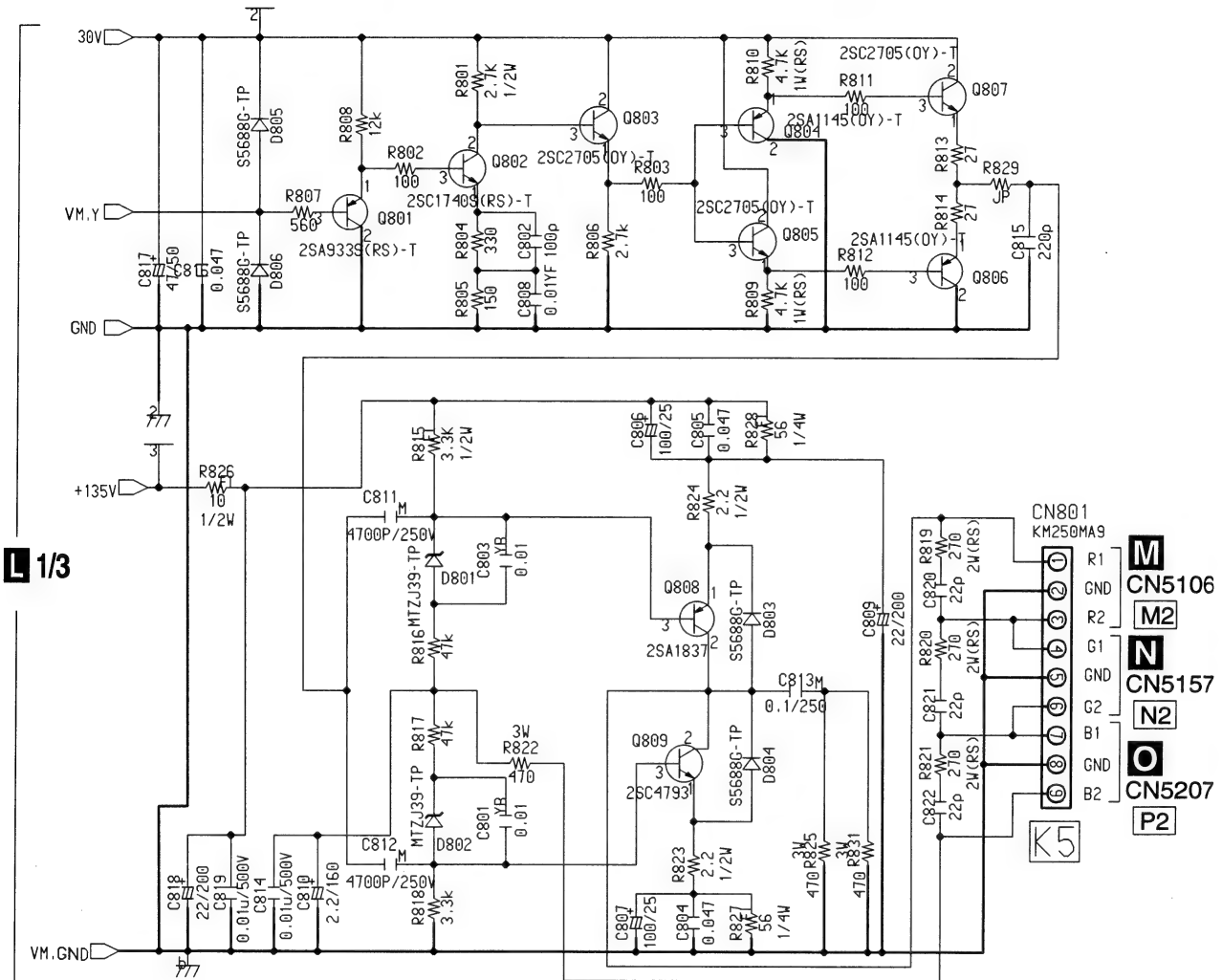




PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.35 DEFLECTION SERVICE ASSY (3/3)

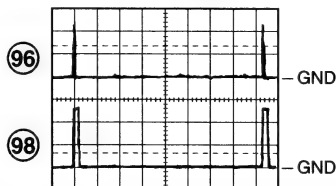
3/3 DEFLECTION SERVICE ASSY (AWV1809) • VM BLOCK



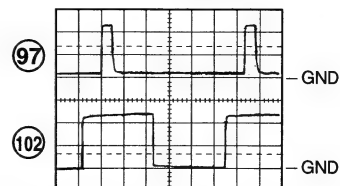
DEFLECTION SERVICE ASSY

Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range : DC range (Unless otherwise noted)

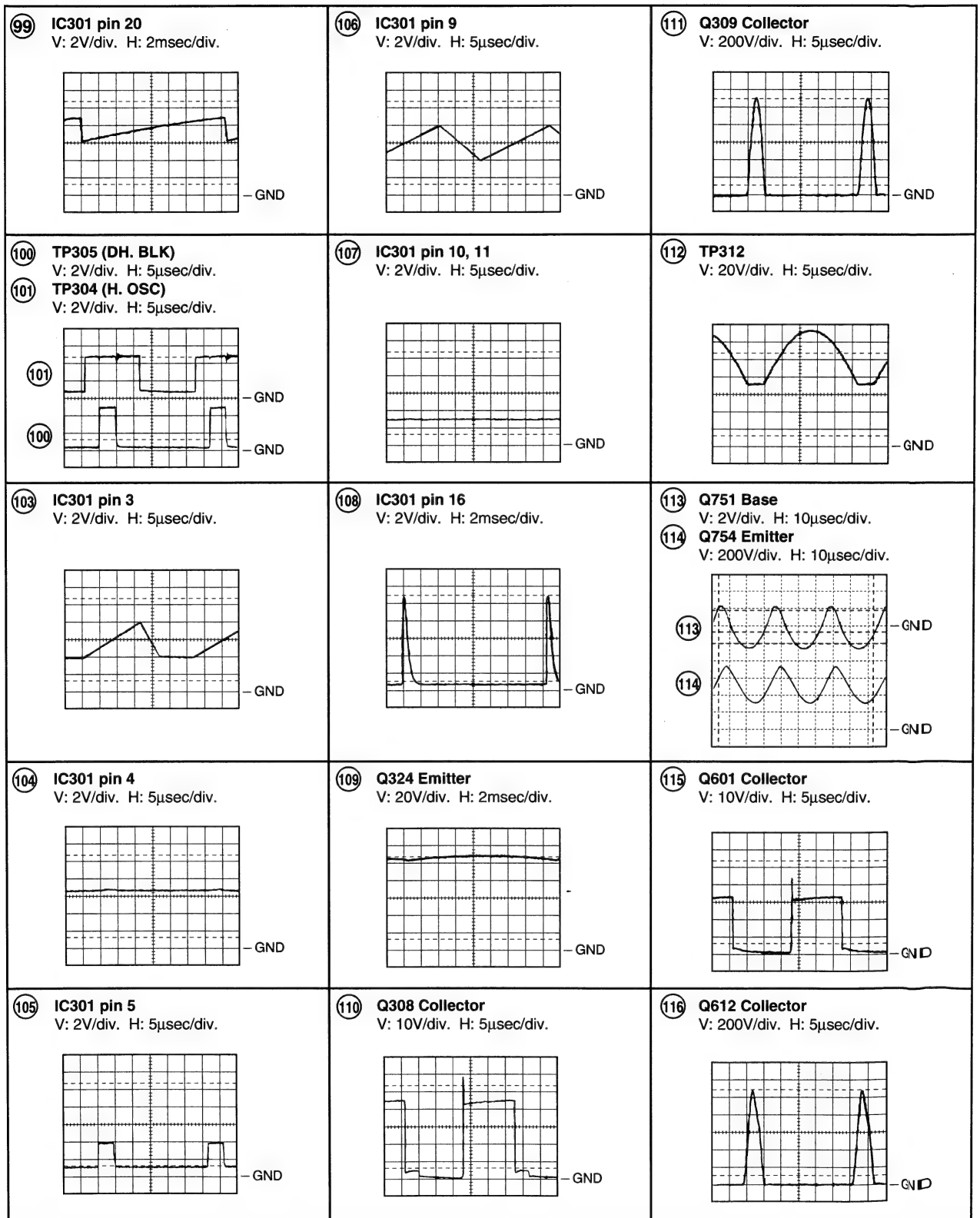
- (96) TP307 (DV)
V: 2V/div. H: 2msec/div.
(98) TP306 (V. BLK)
V: 2V/div. H: 2msec/div.



- (97) TP308 (DH)
V: 2V/div. H: 5µsec/div.
(102) IC301 pin 2
V: 5V/div. H: 5µsec/div.

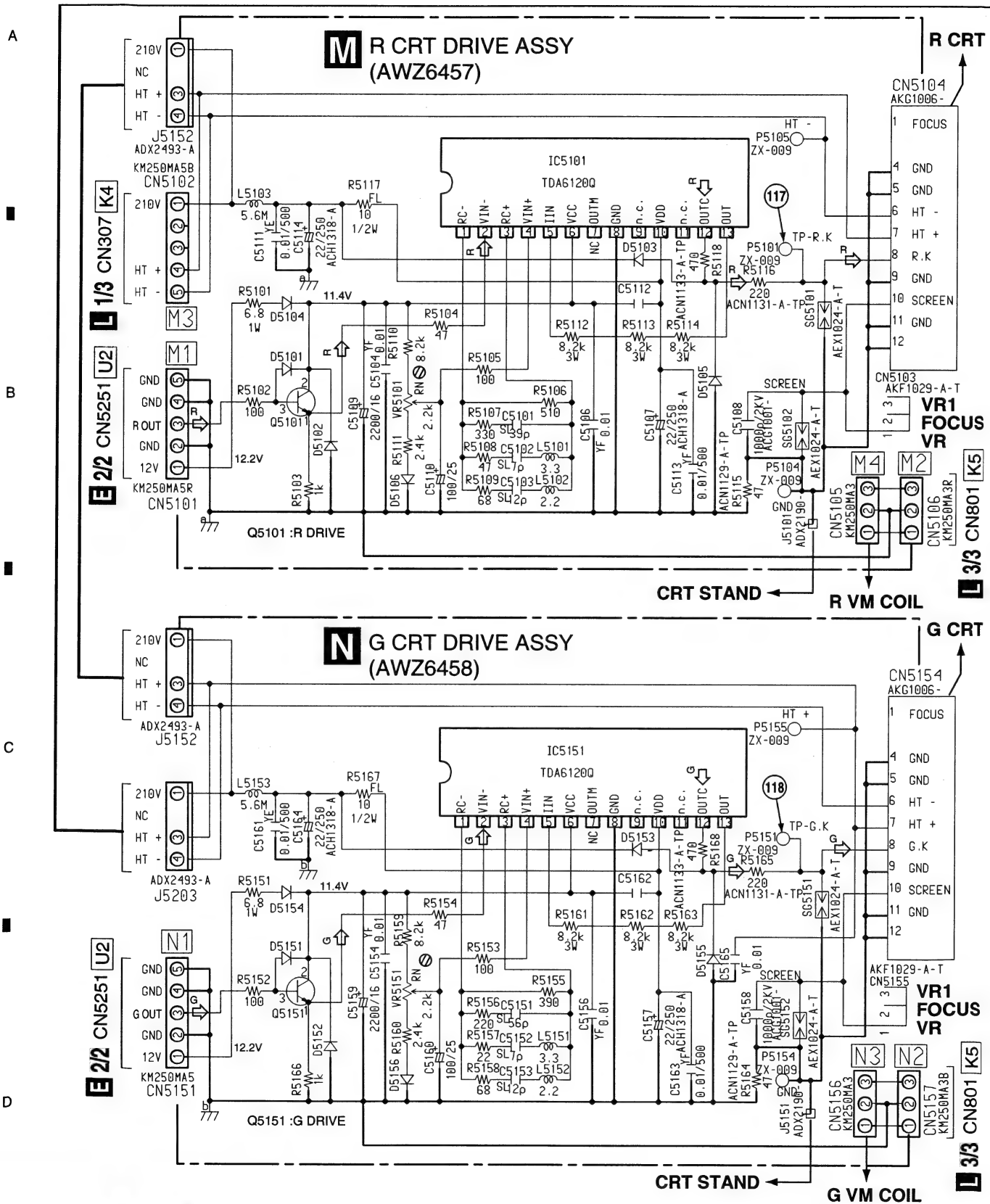


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.36 R, G and B CRT DRIVE ASSYS

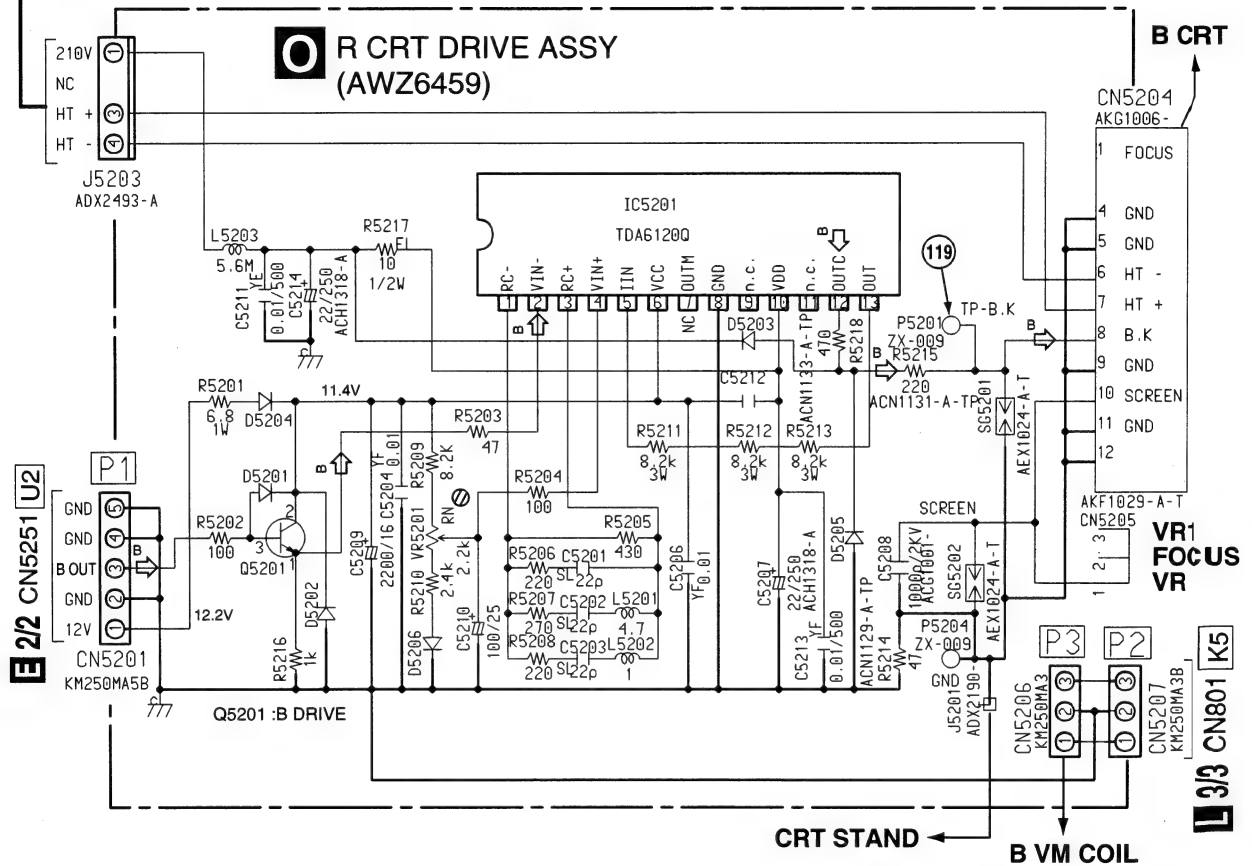


PRO-610HD5, PRO-510HD5, SD-582HD5, SD-532HD5

- Resistor indicated in ohm, 1/4W+5% tolerance unless otherwise noted. k:k ohm, M:M ohm
- Capacitor indicated in Capacity(uF)/Voltage(V) unless otherwise noted. p:pF indication without voltage is 50V except Electrolytic capacitor.

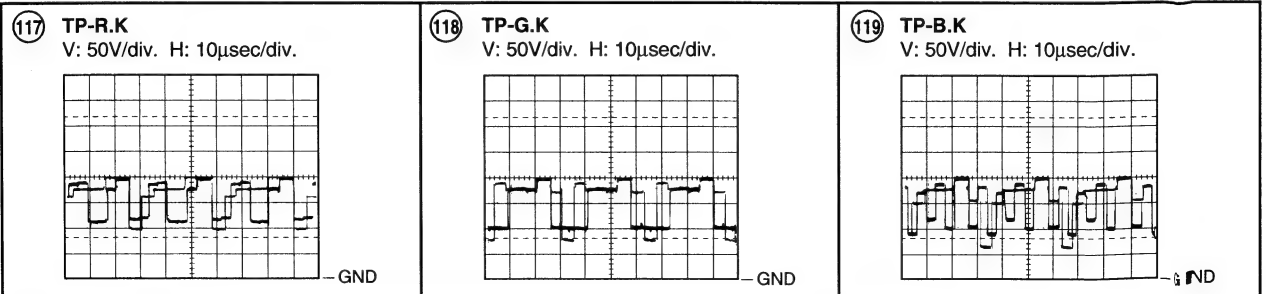
- Diode
S5688G-TP
- Transister
2SC1740S(RS)-T

R, G or B
→ : R, G or B SIGNAL ROUTE



INPUT Signal

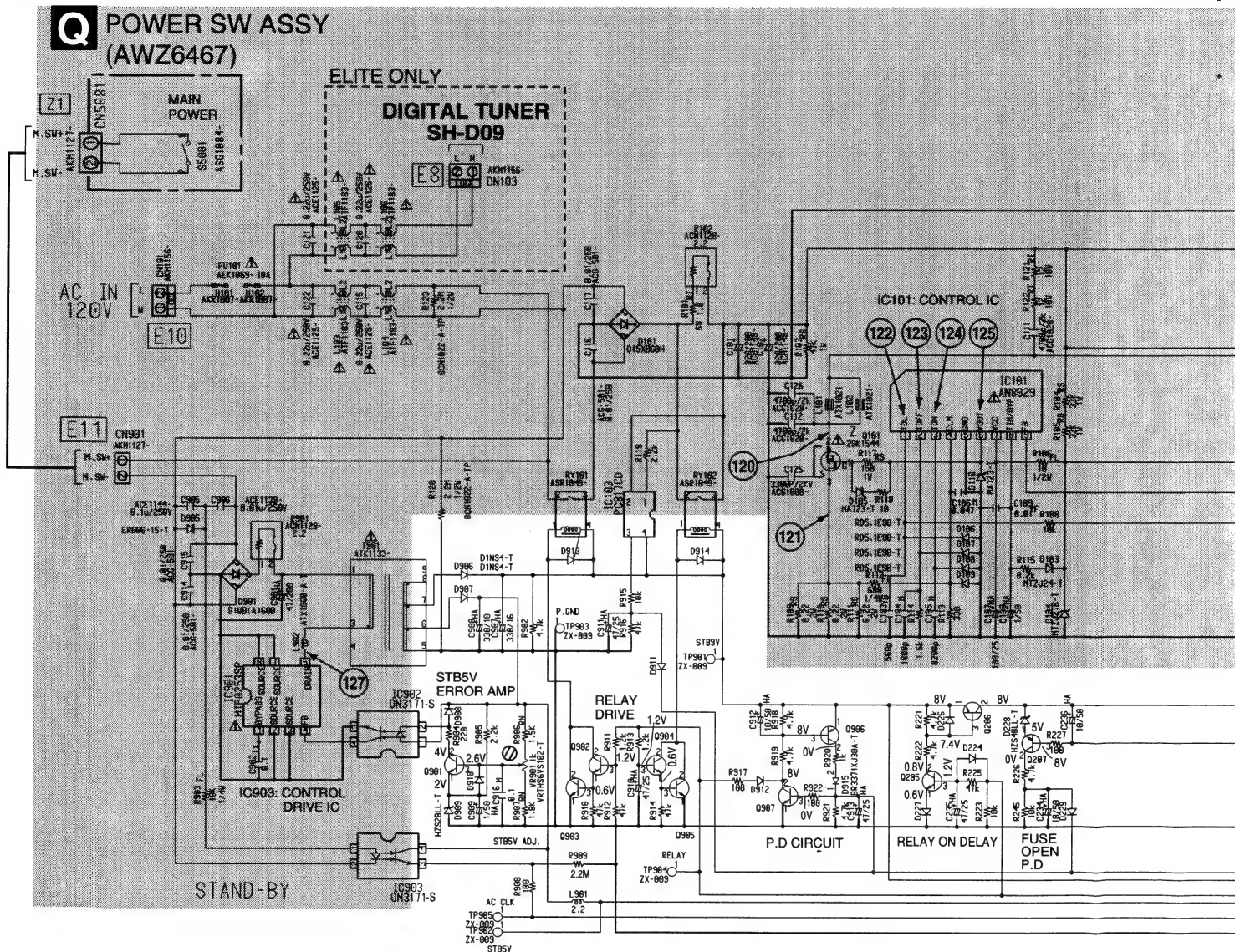
Video signal: EIA full color-bar
Picture quality: Standard
Range: DC range



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

3.37 POWER SUPPLY ASSY

P POWER SUPPLY ASSY
(AWV1795 : ELITE)
(AWV1808 : REGULAR)



- RESISTORS
(RS): METAL OXIDE FILM RESISTOR
(CV): CERAMIC RESISTOR
(FL): NONFLAMMABLE RESISTOR
(CFL): CARBON FILM RESISTOR
Those unspecified ones are of 1/4W
k: k, M: M, Unspecified ones are of 1/4W
- CAPACITORS
(C): CERAMIC CAPACITOR
(CH): HIGH TEMP. CERAMIC CAPACITOR
(V): CERAMIC CAPACITOR
(M): MILAR CAPACITOR
p: pF, Unspecified ones are of 100 pF
Capacity / Voltage (: A.C, no mark: D.C)
Unspecified ones are of 50V
- The Δ mark found on same component parts indicates the importance of the safety factor of the parts.
Therefore, when replacing, be sure to use parts of identical de-signation.

- 2SA933S(RS)-T
- 2SC1740S(RS)-T
- 1SS254-T

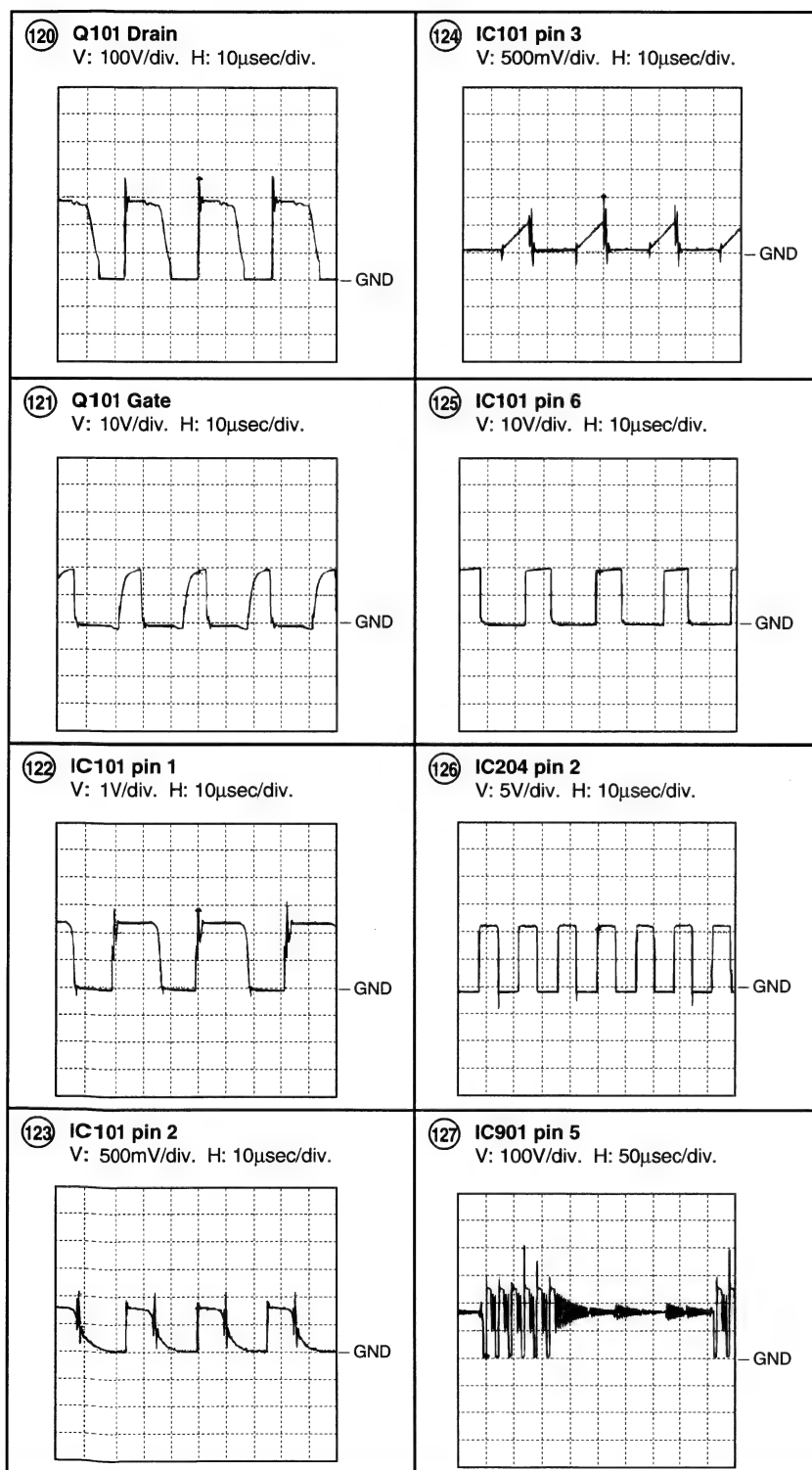
D



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

P POWER SUPPLY ASSY

Input signal
Video signal : EIA full color-bar
Picture quality : Standard
Range :DC range (Unless otherwise noted)



A



C

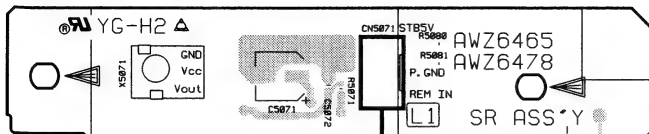


4. PCB CONNECTION DIAGRAM

4.1 AV I/O ASSY, SR ASSY, FRONT INPUT ASSY and BNC ASSY

A

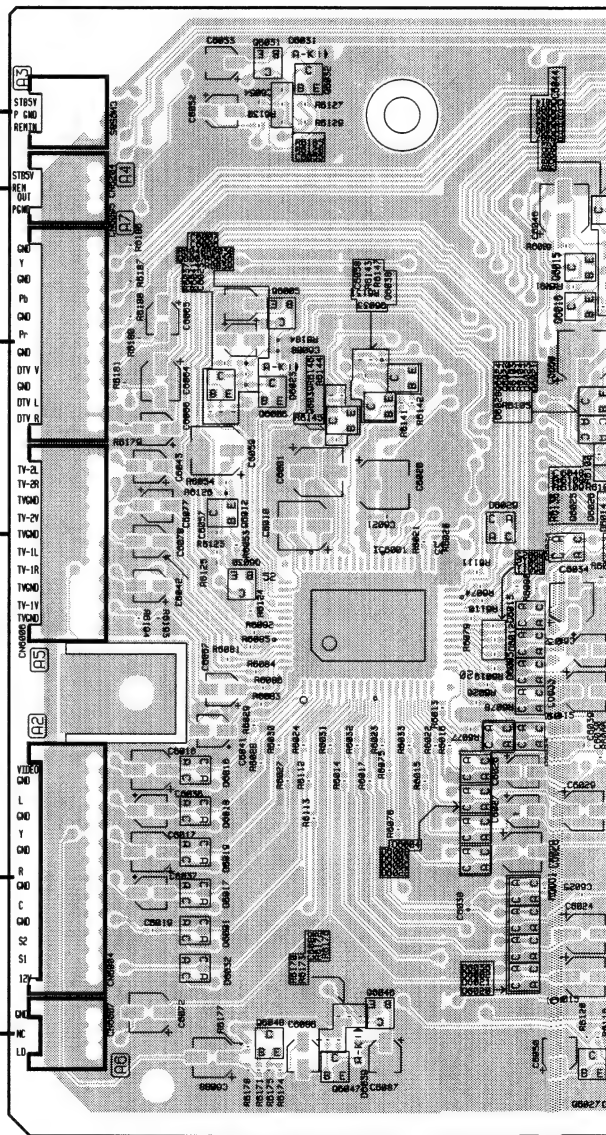
D SR ASSY



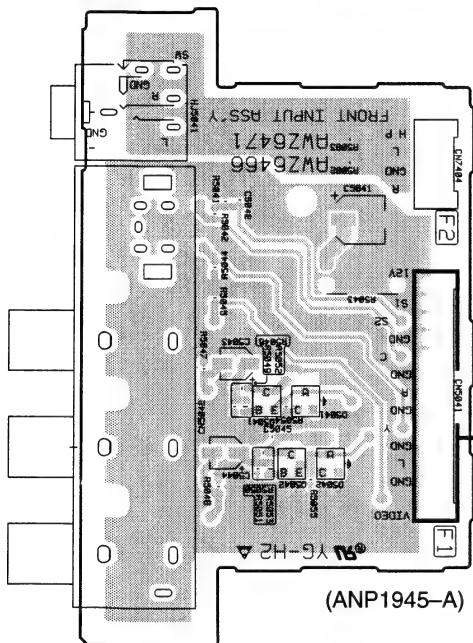
SIDE A

(ANP1945-A)

B AV I/O ASSY

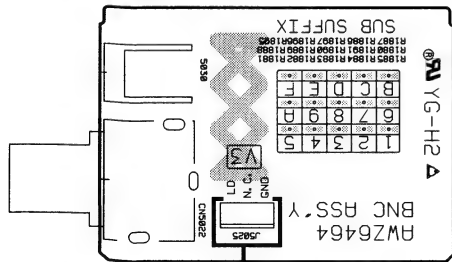


R FRONT INPUT ASSY



(ANP1945-A)

C BNC ASSY



(ANP1945-A)

Q6031 Q6032
Q6005 Q6014-Q6016 C
Q6007 Q6006 Q6039 Q6033 Q6038 Q6024 Q
Q6012 IC6001 Q6028
Q6030 Q6046
Q6048 Q6047 Q6027

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

NOTE FOR PCB DIAGRAMS:

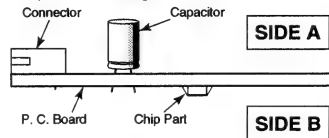
1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

Symbol in PCB Diagrams	Symbol in Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor

Symbol in PCB Diagrams	Symbol in Schematic Diagrams	Part Name
		Resistor array
		3-terminal regulator

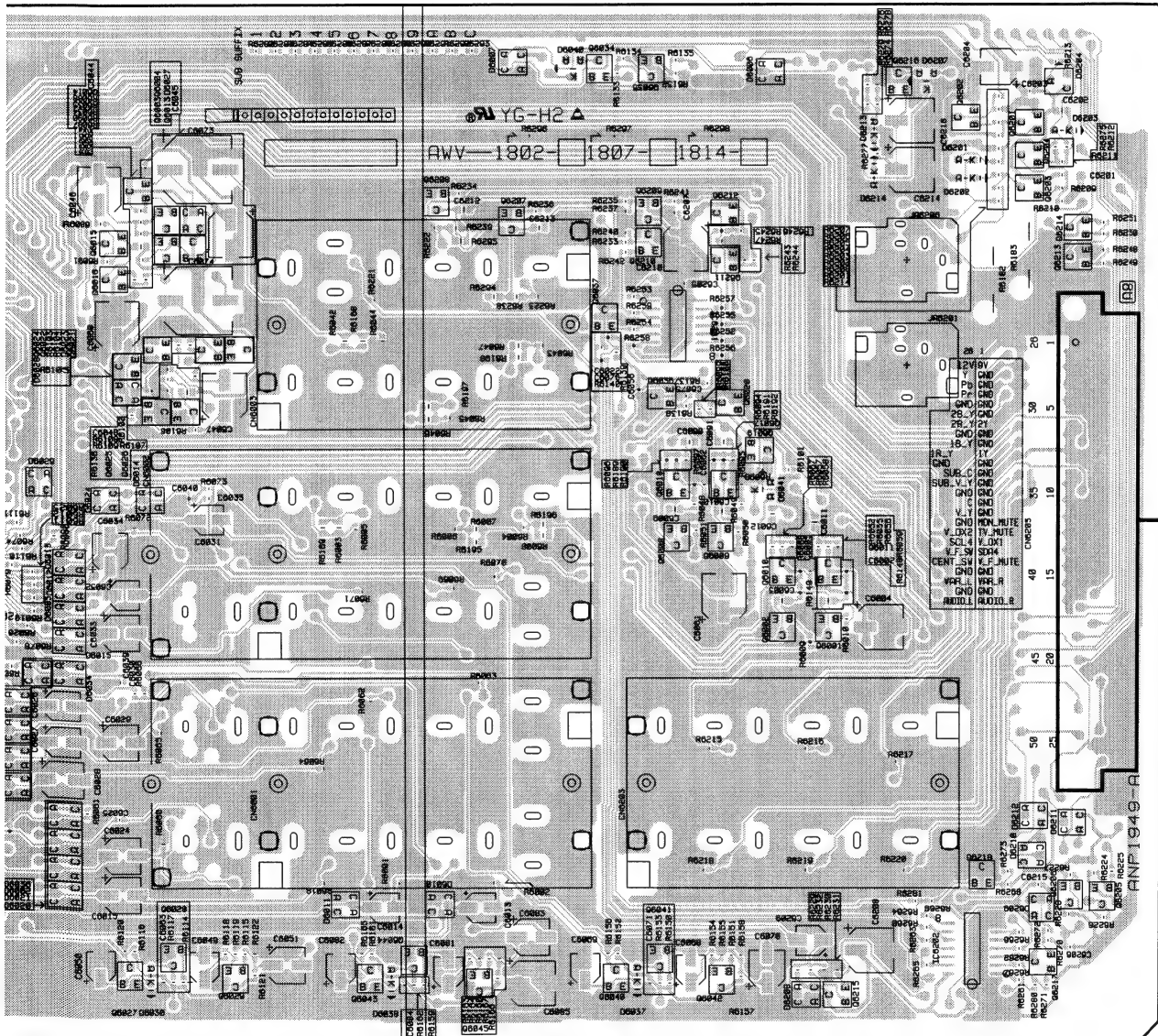
3. The parts mounted on this PCB include all necessary parts for several destination.
- For further information for respective destinations, be sure to check with the schematic diagram.

4. Viewpoint of PCB diagrams



SIDE A

(ANP1949-A)



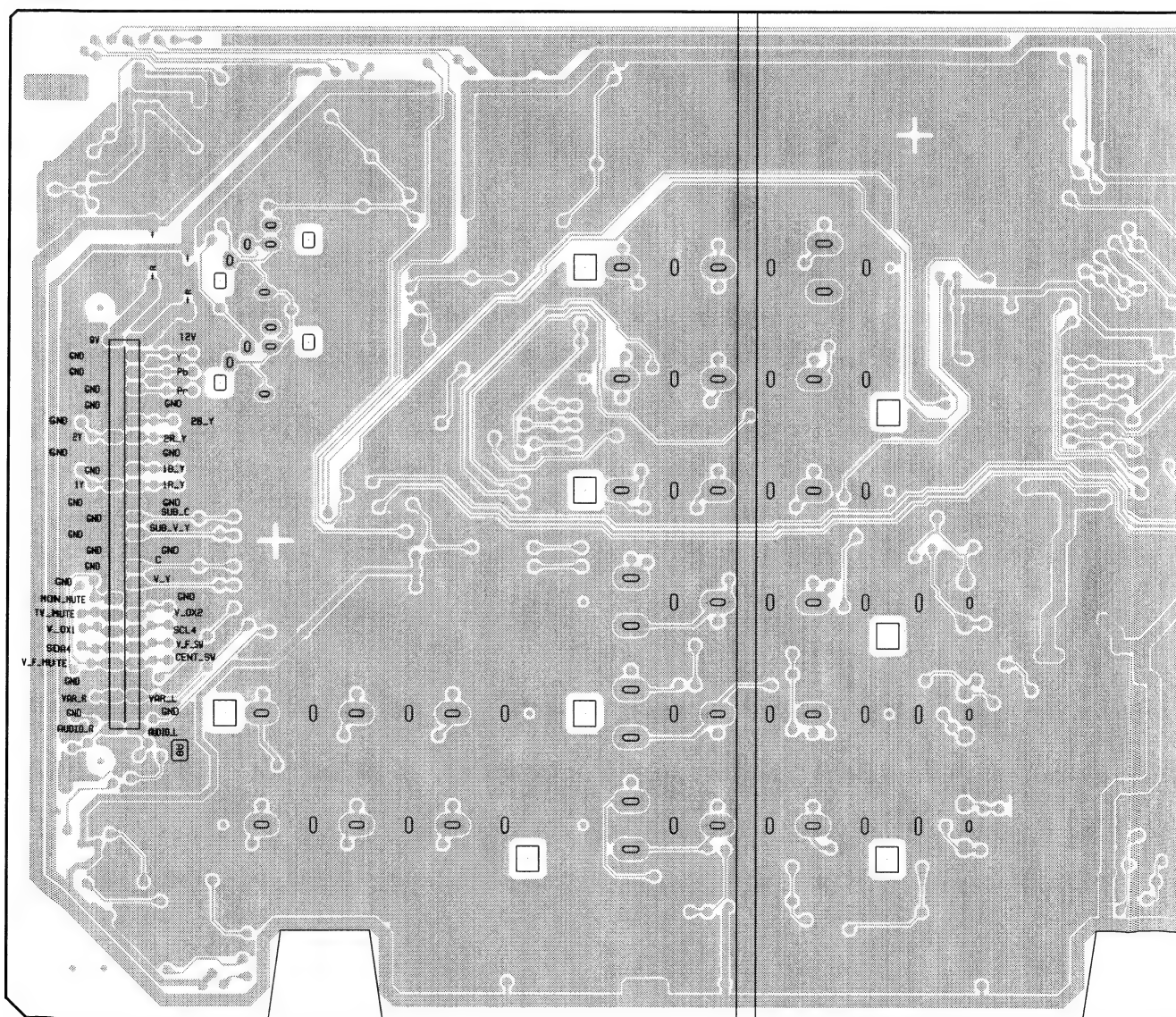
Q6014—Q6016 Q6004 Q6003 Q6013 Q6208 Q6207 Q6235 Q6216 Q6209—Q6212 Q6201—Q6204 Q6214 Q6213
 38 Q6024 Q6022 Q6023 Q6021 Q6037 Q6036 Q6020 Q6002 Q6001 Q6008 Q6018 Q6017 Q6009 Q6010 Q6011 Q6218 Q6205
 Q6028 Q6025 Q6026 Q6040 Q6041 Q6042 Q6215 IC6202 Q6217
 Q6027 Q6028 Q6029 Q6043 Q6044 Q6045

1 2 3 4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE B

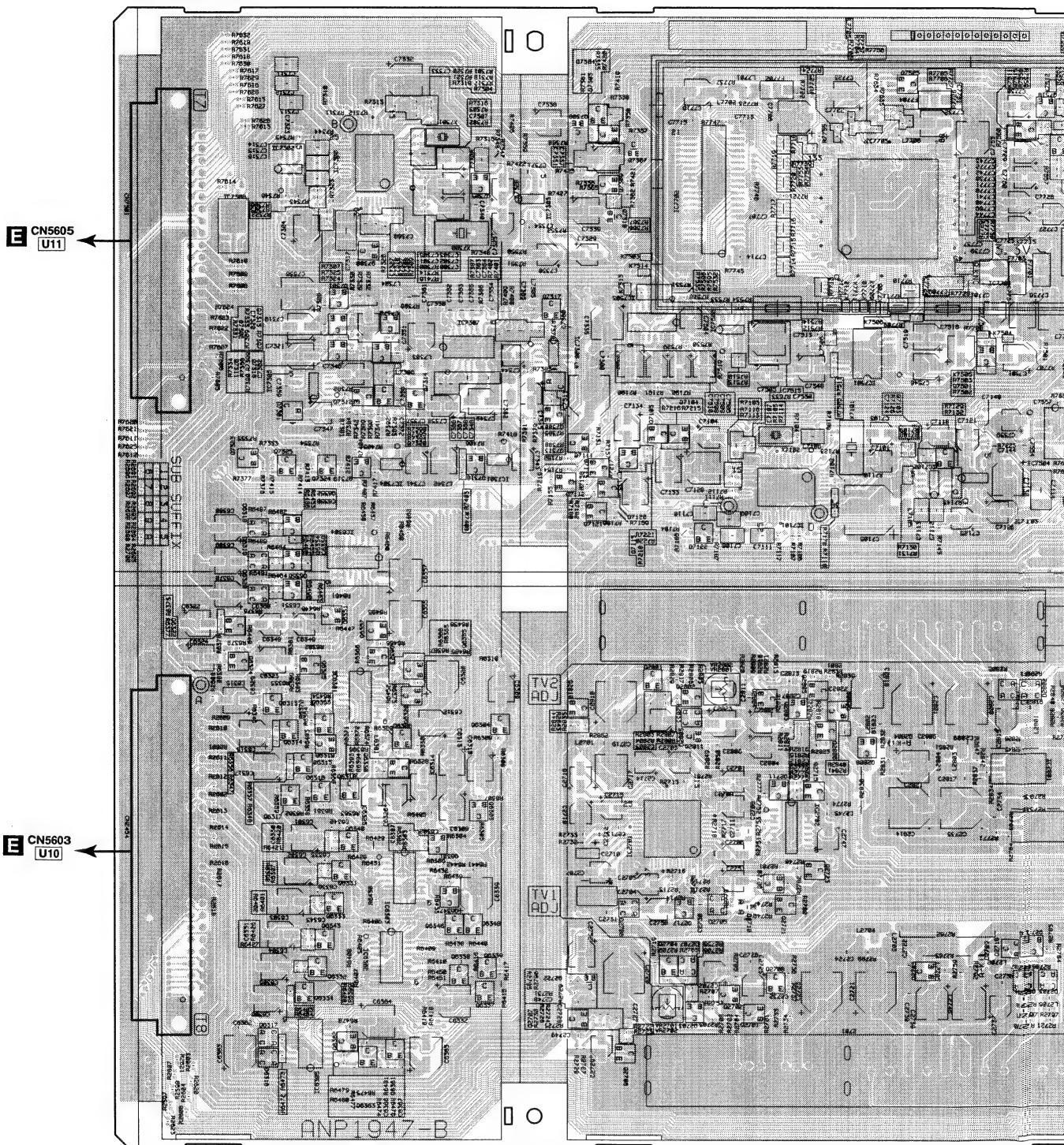
B AV I/O ASSY



4.2 SIGNAL ASSY

A-a

A



B

C

D

120

1

2

3

4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE A

A-a A-b

A SIGNAL ASSY

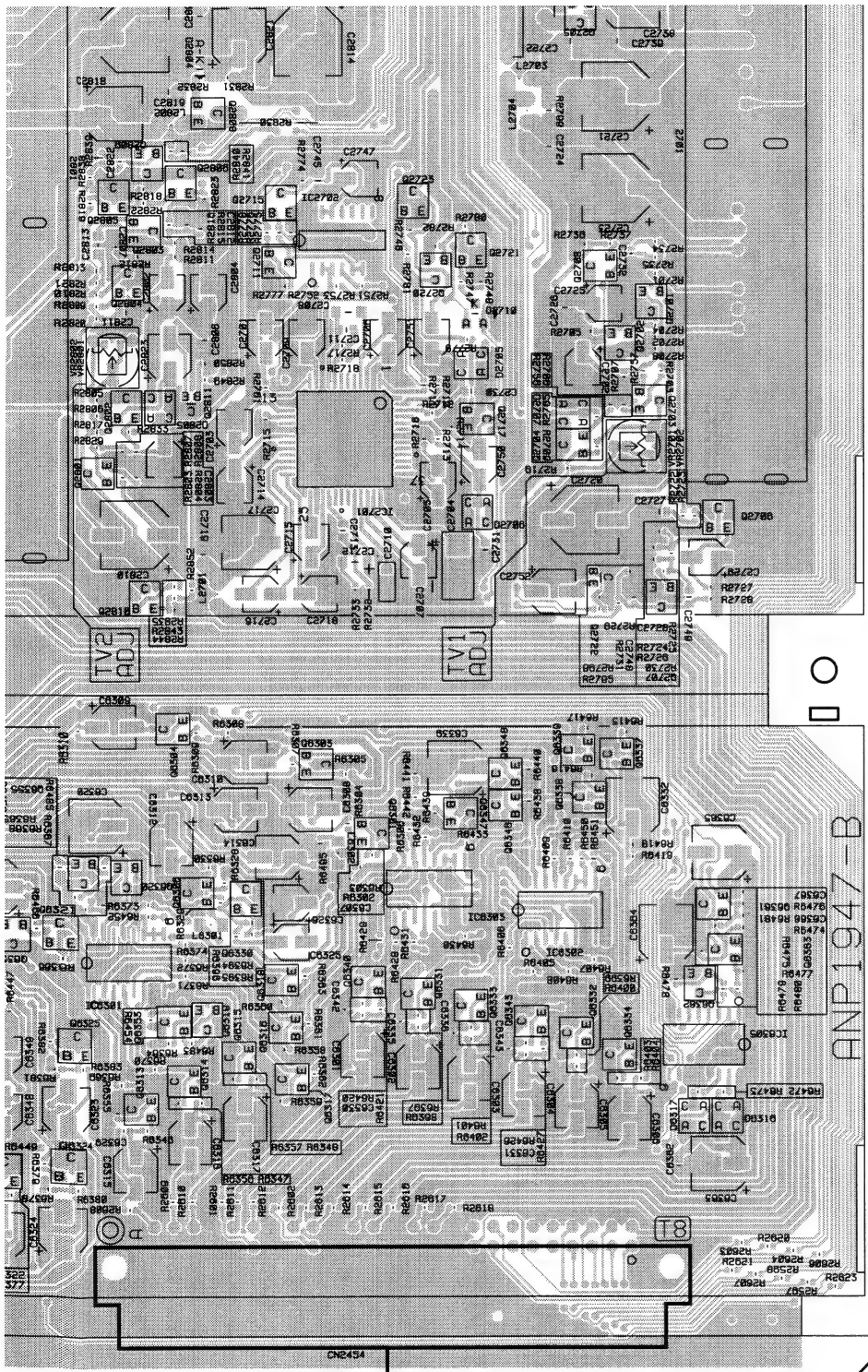
SUB SUFFIX

1	2	3	4	5
6	7	8	9	0

E CN5605
U11

A-a

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5



E CN5603 U10

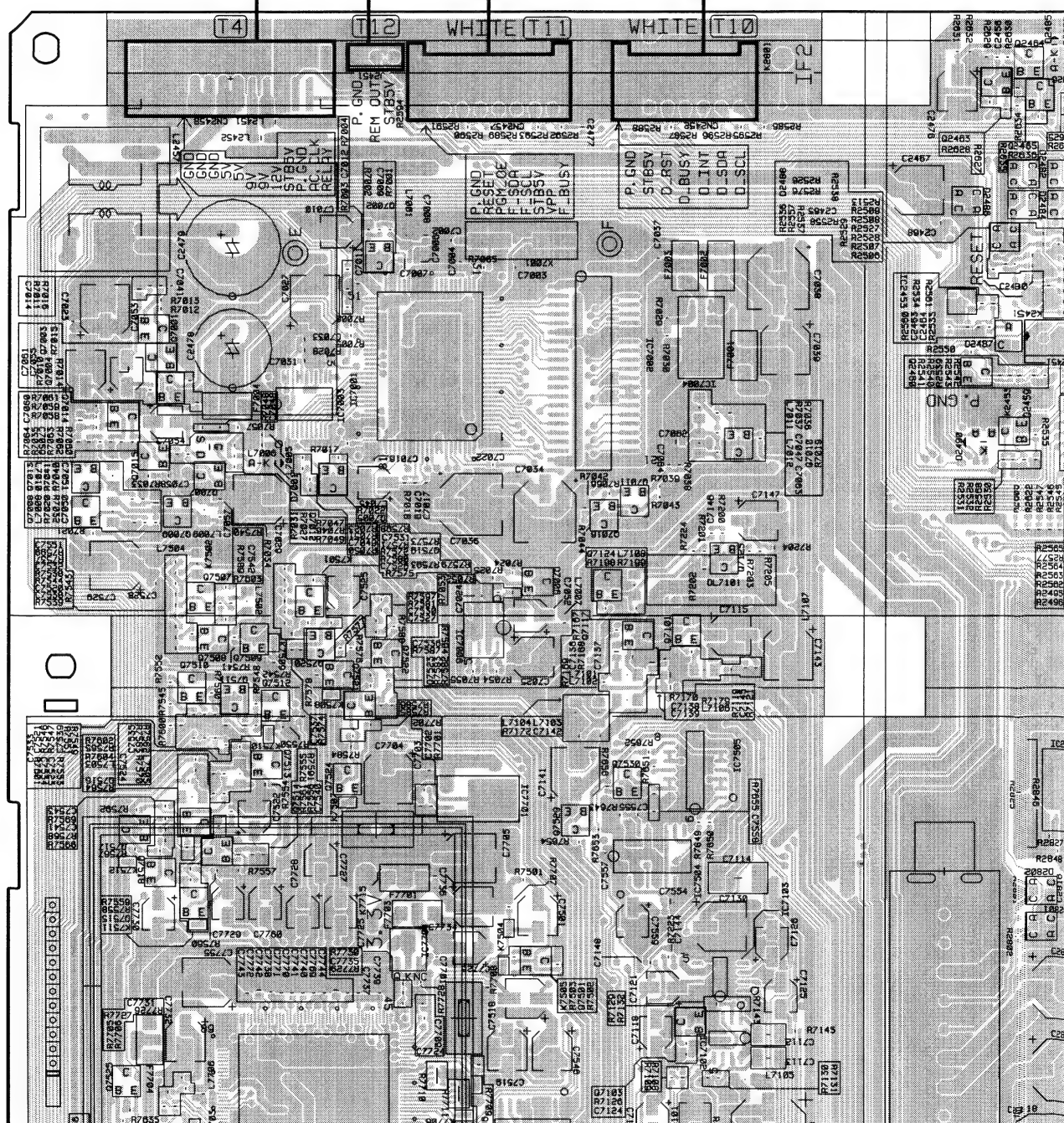
A-a A-b

A-a

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

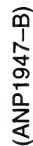
A-a A-b

SIDE A



A-b

A-a **A-b**



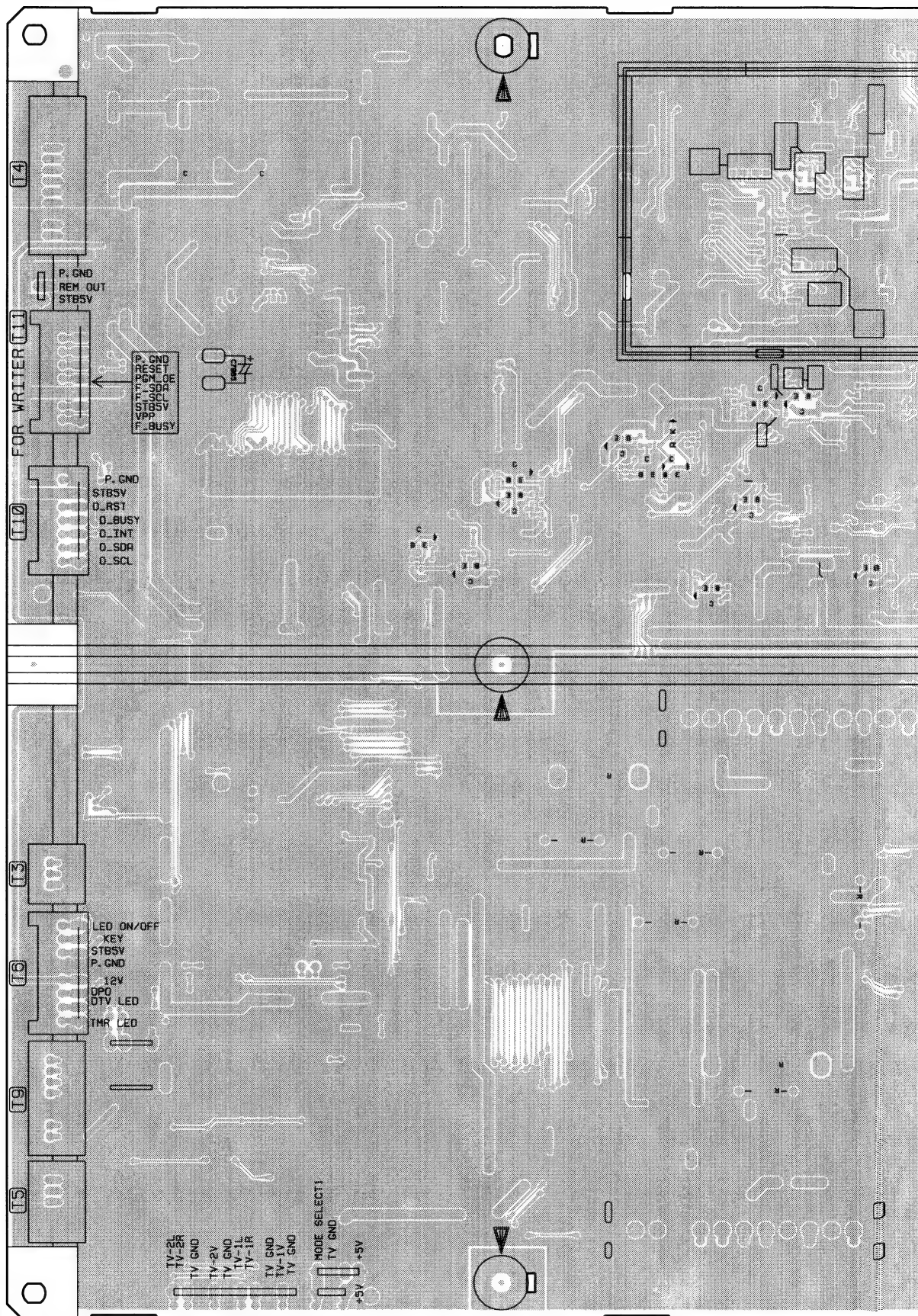
TO DEFEND

[illegible]

1 2 3 4

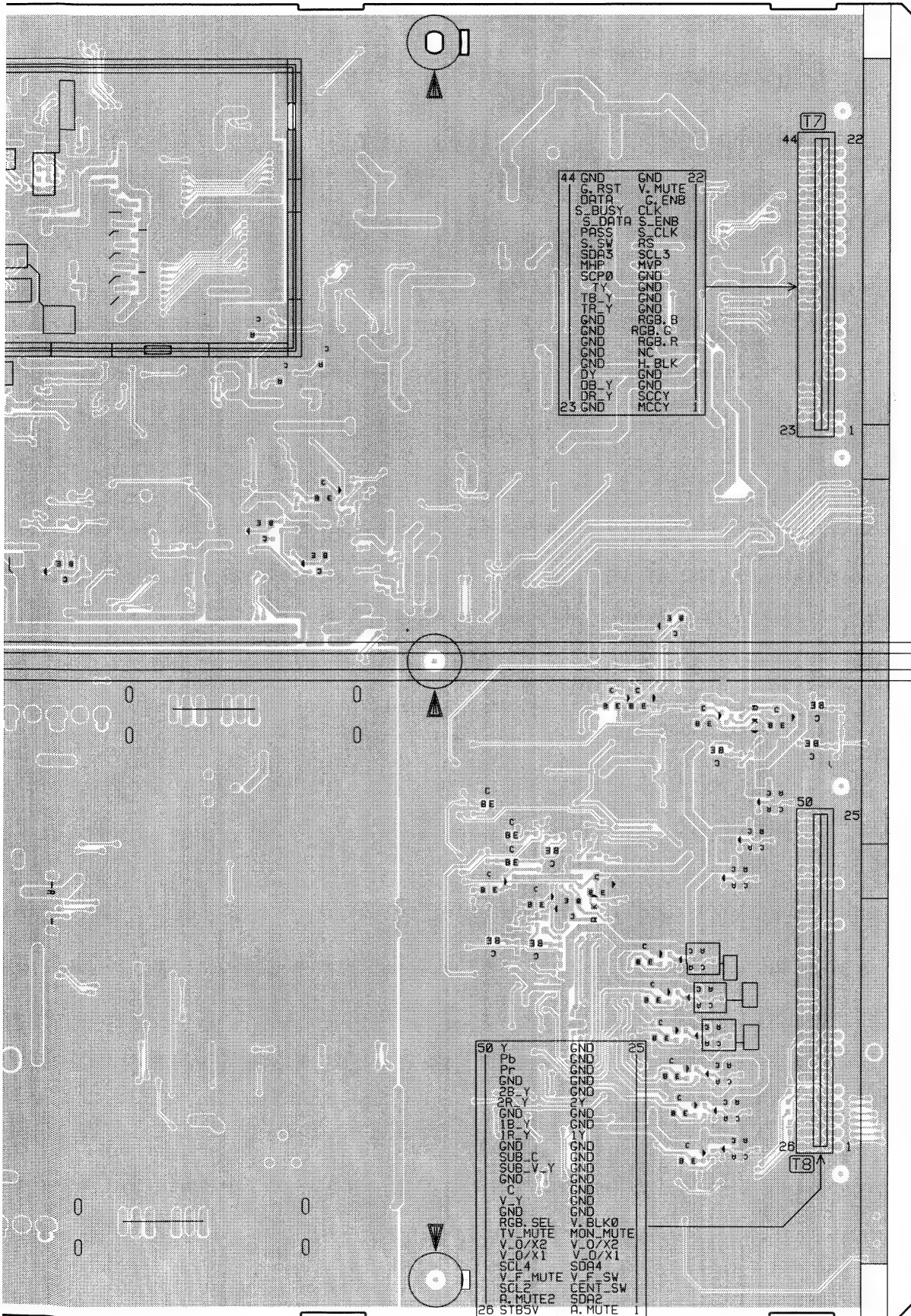
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

A SIGNAL ASSY



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE B

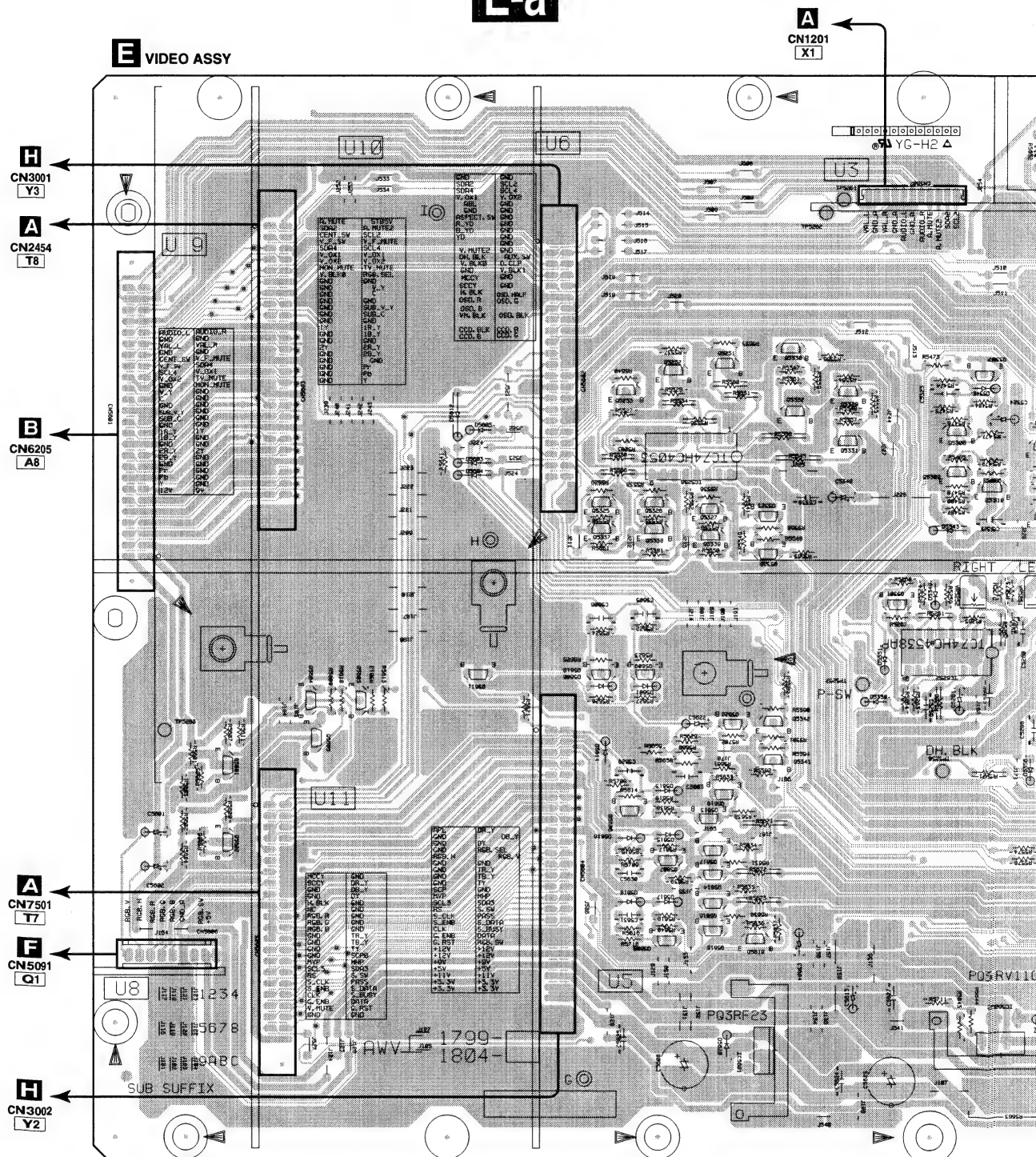


(ANP1947-B)



4.3 VIDEO ASSY

E-a



VR5252 VR

6

Q5251–Q5253

Q5529–Q5532

Q5307—Q5312

IC5256
Q5325–Q5327

Q5323
Q5328

Q5301

IC5252

Q5611

Q5610 Q5609

Q5622 Q5342
 Q5341

Q5613–Q5619

IC5601

IC 5602

Q5601

Q5603–Q5605

Q5602

Q5606–Q5608

128

E

1

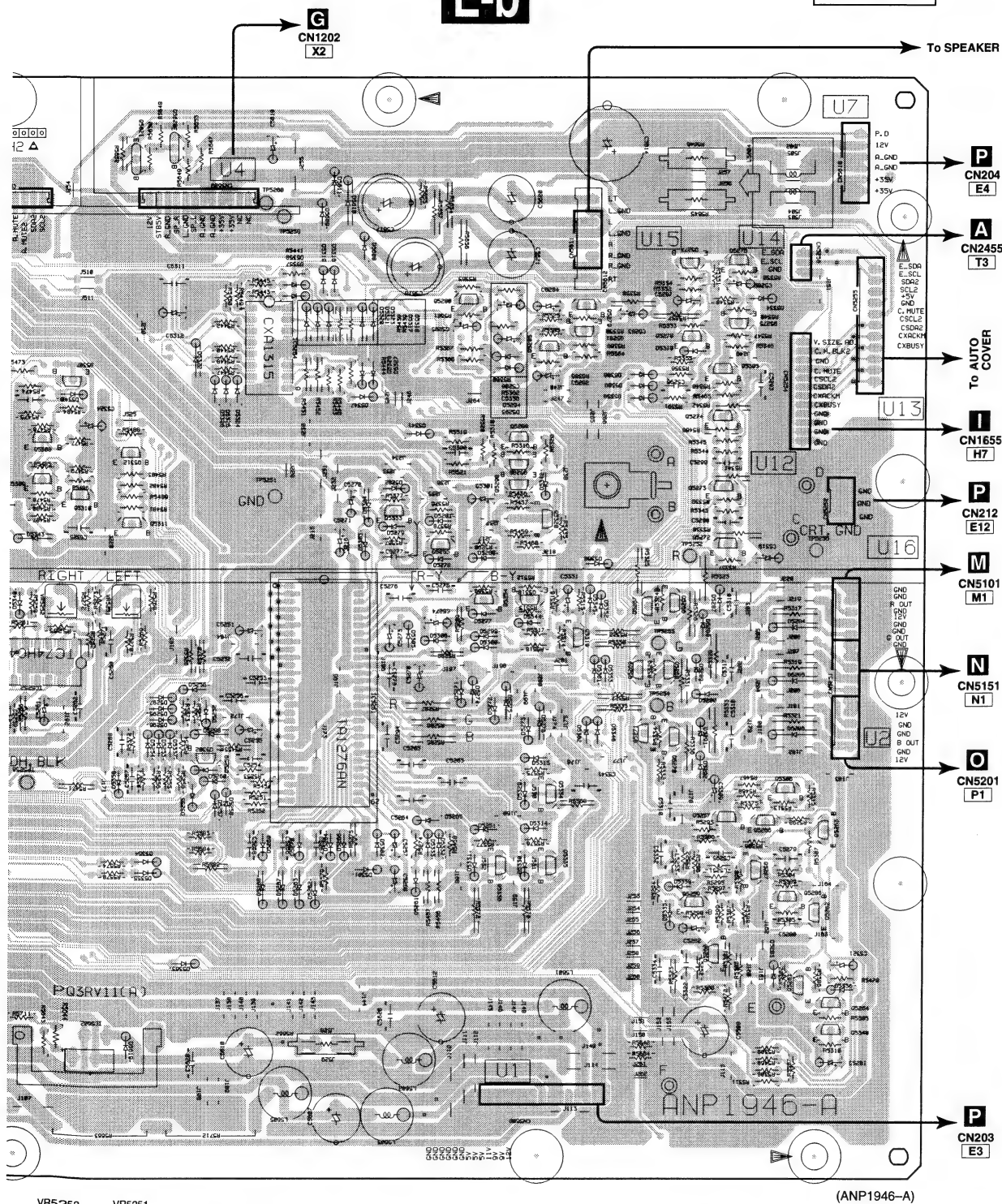
2

3

4

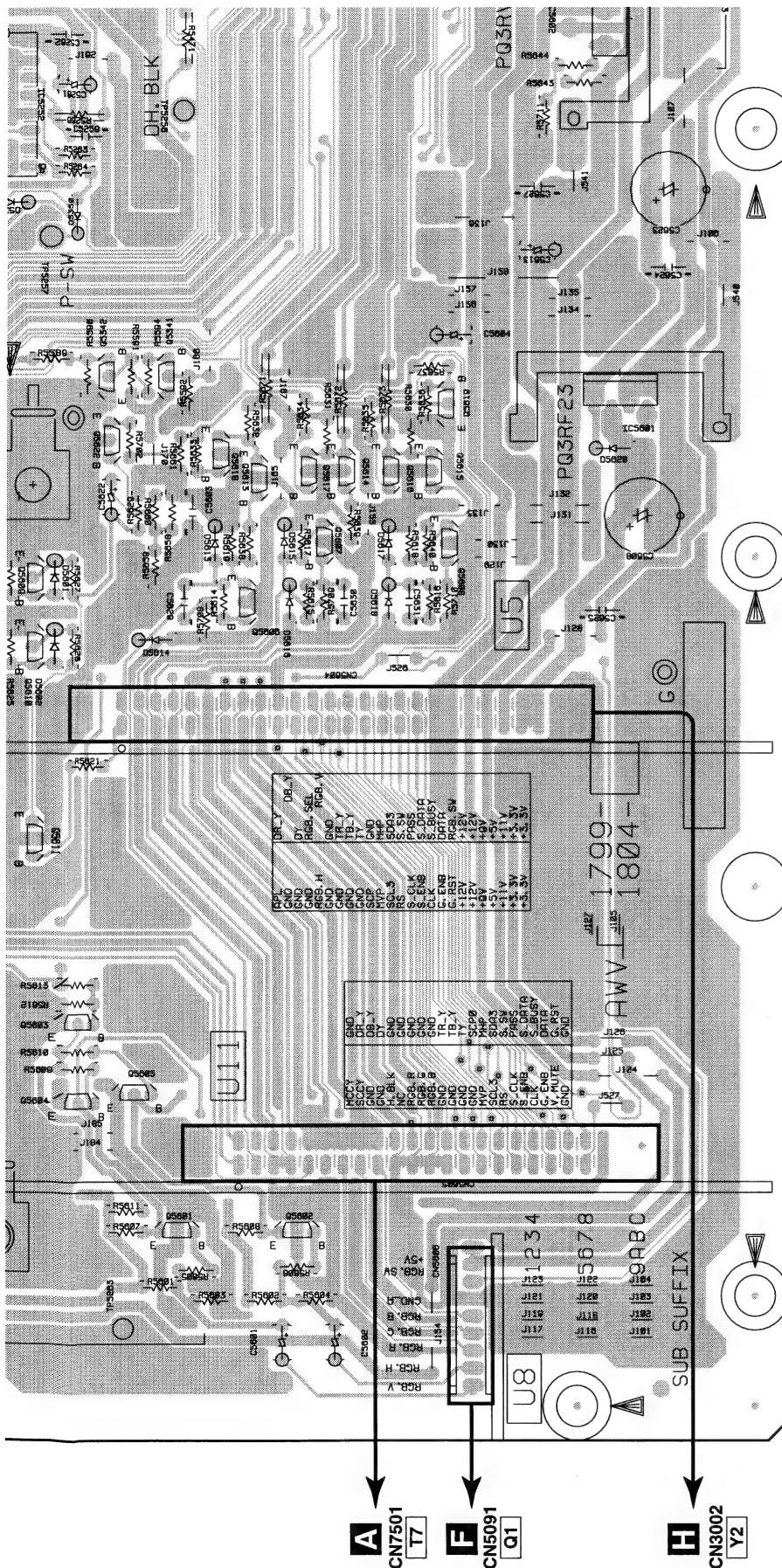
E-b

SIDE A

[illegible]



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5



VR5252

Q5251—Q5253
IC5256
Q5325—Q5327
Q5337—Q5339

Q5610 Q5609

Q5622 Q5342
Q5341

Q5613—Q5619

Q5606—Q5608

Q5301 IC5252

Q5529—Q5532

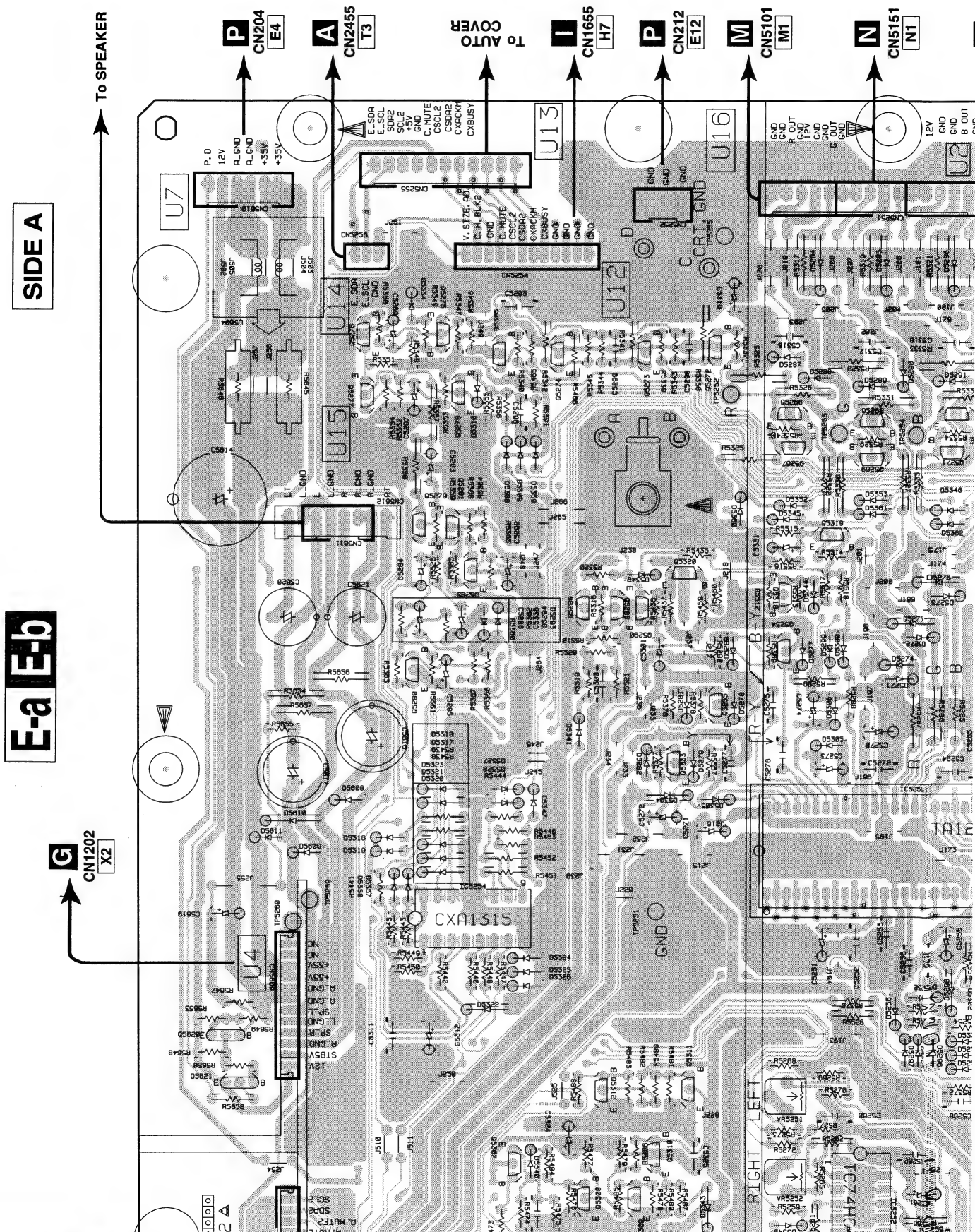
Q5307—Q

IC5601 IC560

E-a **E-b**

E-a

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5





E-a E-b

E-b

■ 1 ■ 2 ■ 3 ■ 4 ■

E

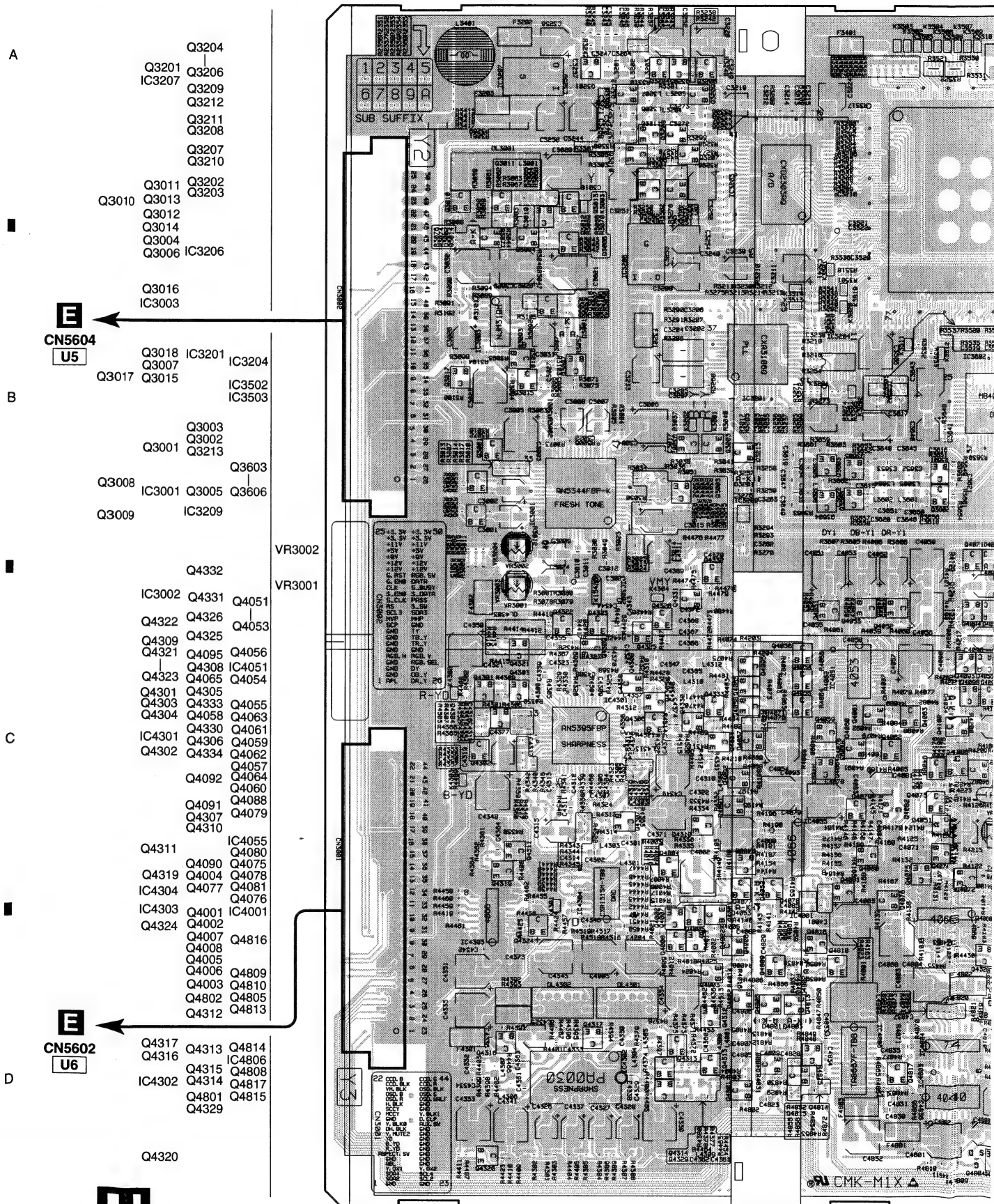
D



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

4.4 SUB VIDEO SERVICE ASSY (For PRO-610HD, PRO-510HD)

SUB VIDEO SERVICE ASSY



■ 1 ■ 2 ■ 3 ■ 4 ■

A

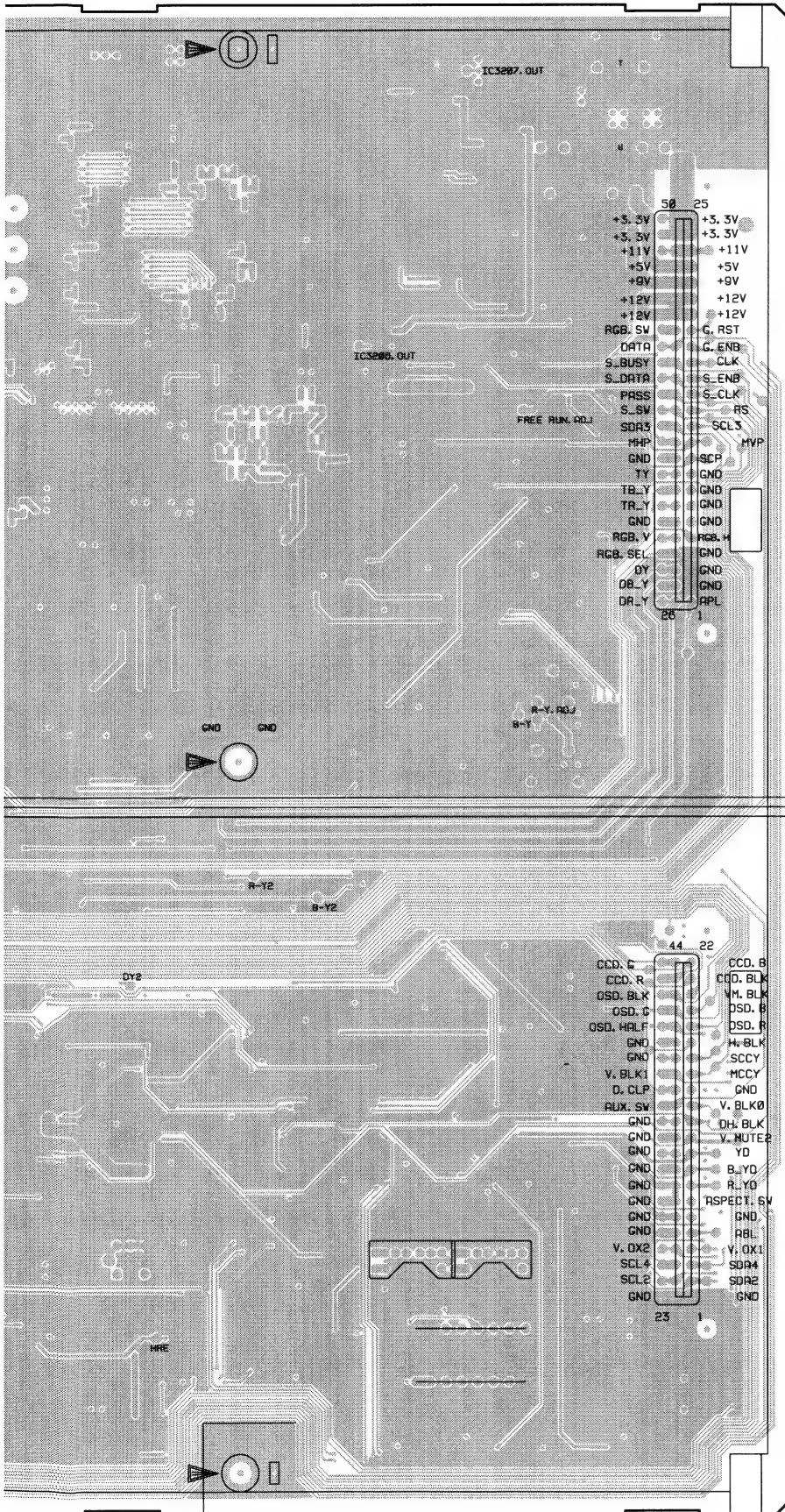


C

D

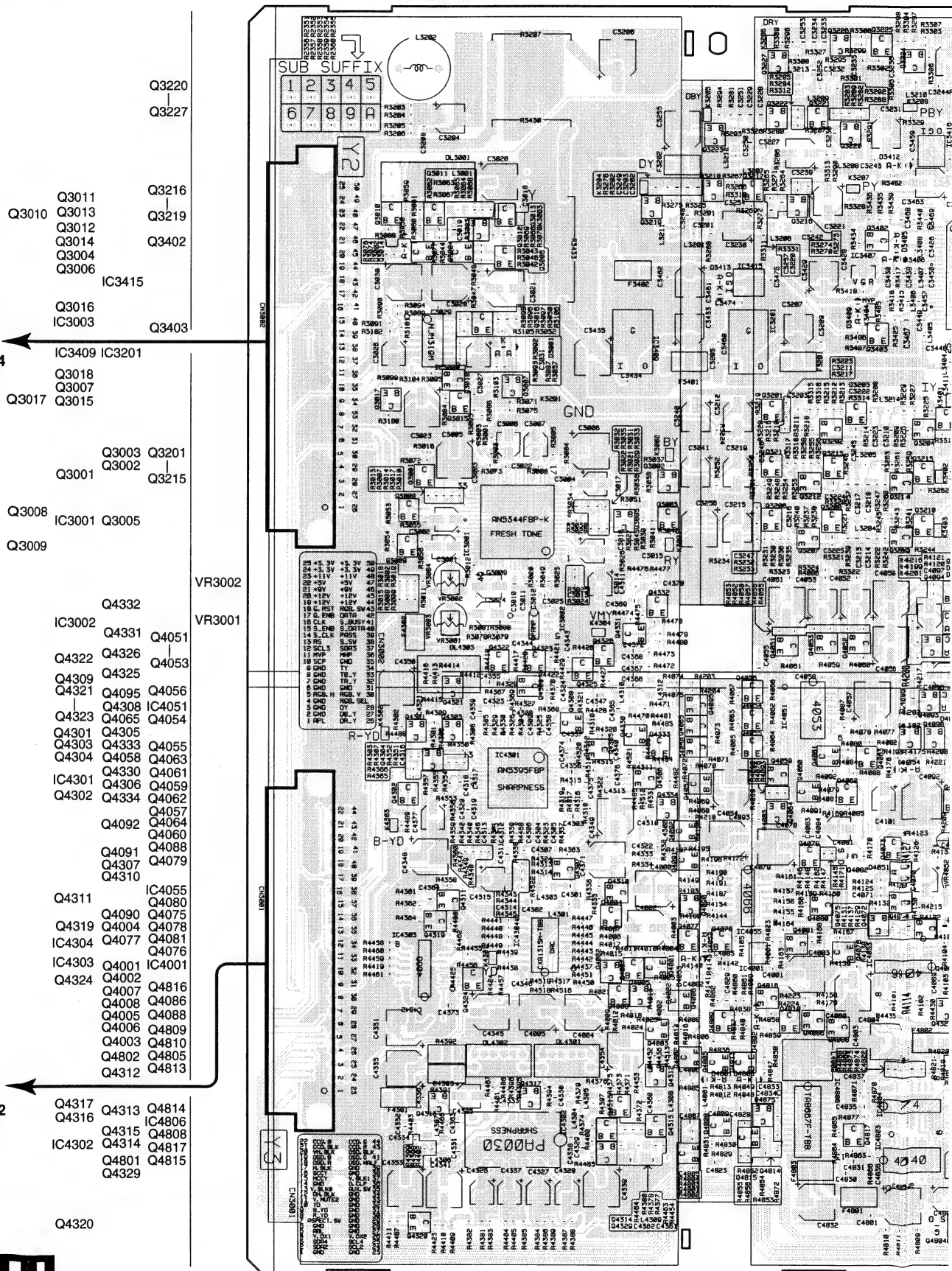
PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE B



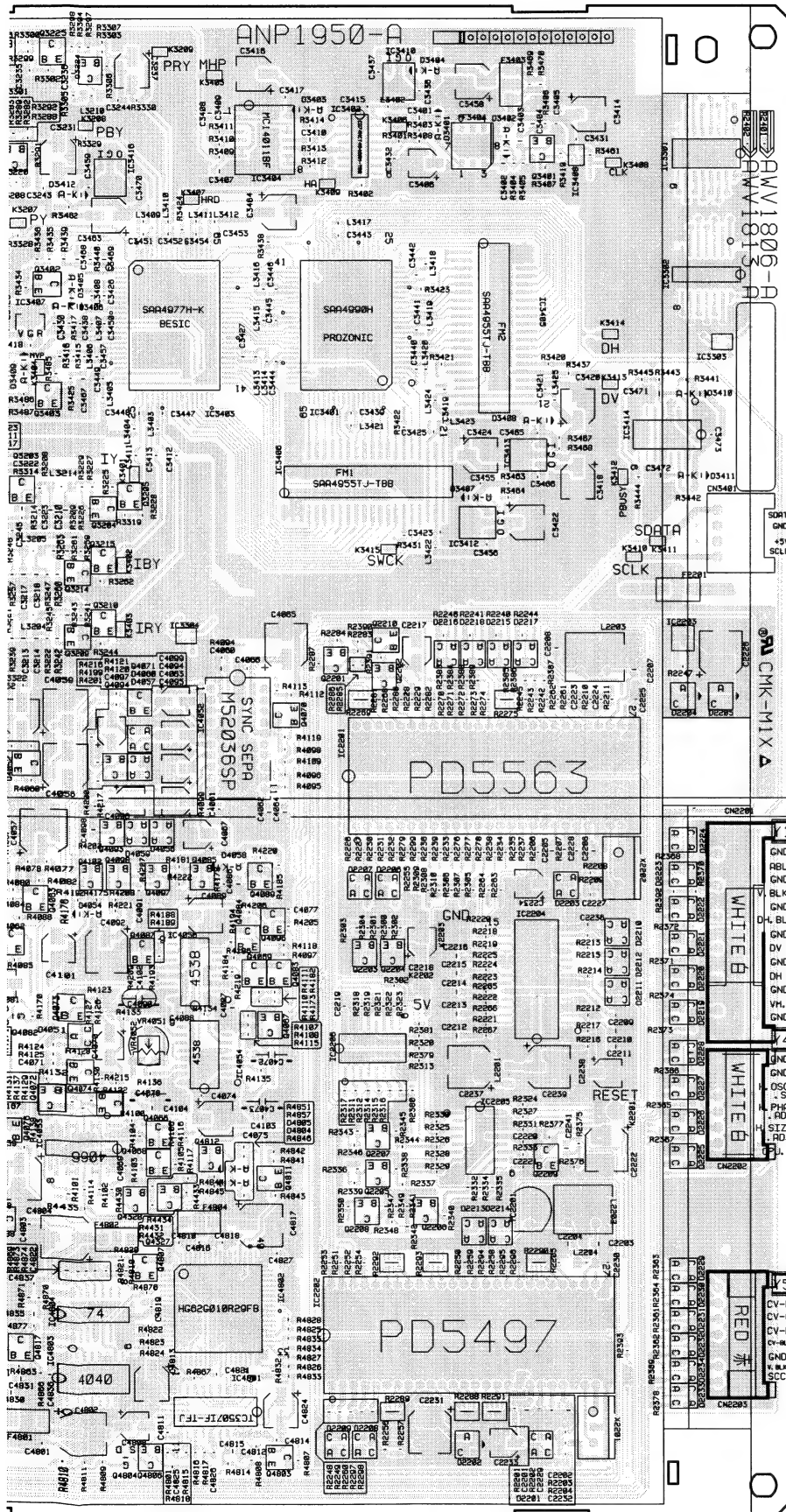
(ANP1948-A)





PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE A



(ANP1950-A)

IC3404 IC3402 Q3401 IC3301

IC3302

IC3403 IC3401 IC3405 IC3303

IC3414

IC3406

IC3412

IC3304	Q2210	IC2203
	Q2201	

Q2202

Q4070

IC4052

Q4094	IC2201
-------	--------



Q4093	CN30
Q4089	K6

Q4097	Q4083
Q4085	

Q4102	Q4096
-------	-------

Q4086 Q4084 Q2203

Q4087 Q2204
IC4056 Q4069 IC2204

Q4073

Q4067

Q4074 IC4054 IC2206

Q4074

Q4072

Q4066	Q2207	IC2205
IC4053		

Q4812	Q2205	Q2209
	Q4811	

Q4327 00000

Q4328	Q2206
	Q2206

Q4807

IC4802

IC4804	IC2202
--------	--------

IC4803

IC4801

Q4806 Q4803

Q4804

CN305
K6

L CN308
K2

CN1653
H6

1 2 3 4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

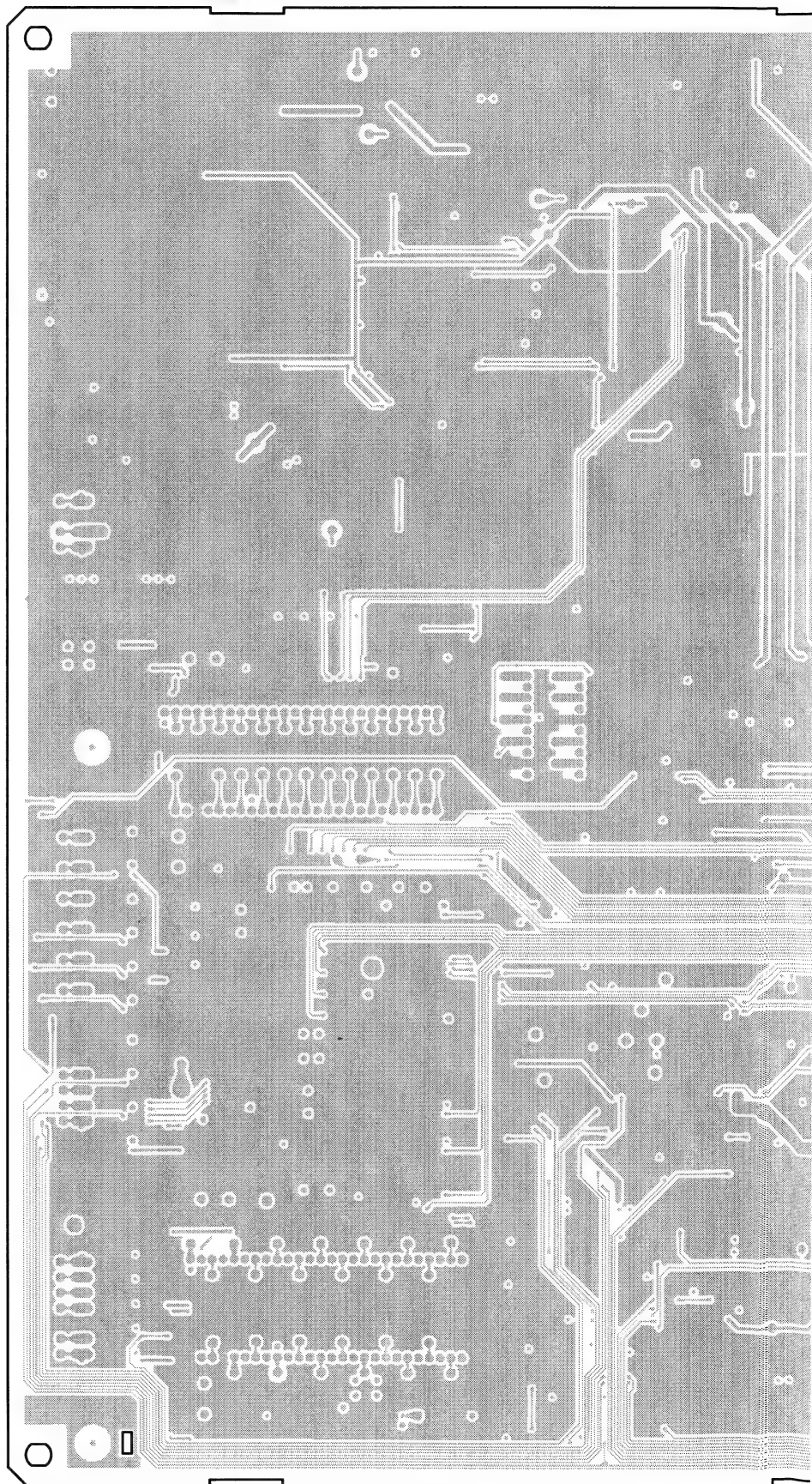
H SUB VIDEO ASSY

A

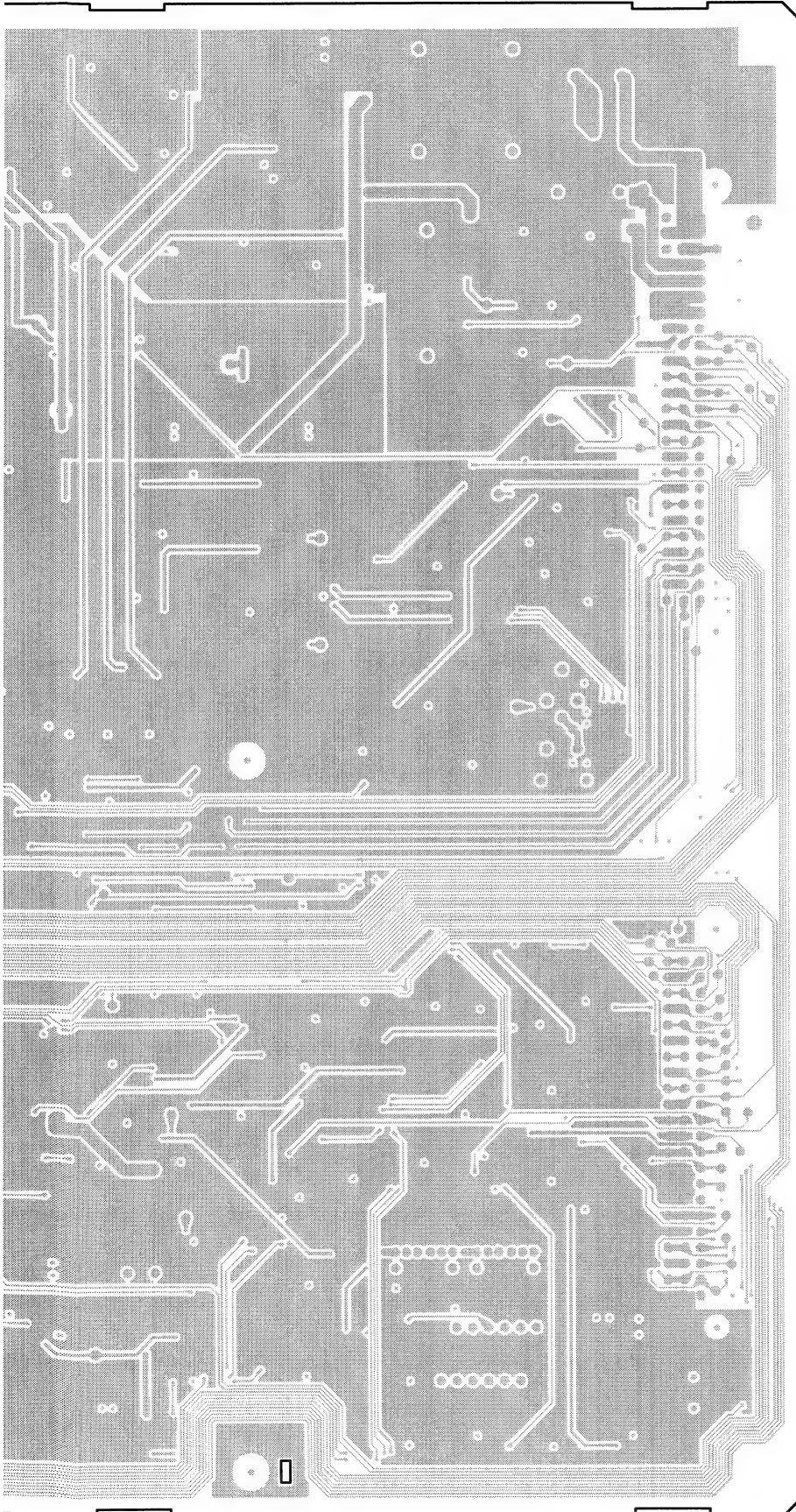
B

C

D



SIDE B



(ANP1950-A)



4.6 DIGITAL CONV. ASSY and CONNECTOR ASSY

SIDE A

CONNECTOR ASSY

DIGITAL CONV. ASSY

P **CN205**
E5

K
CN905
G4

K
CN904
G5

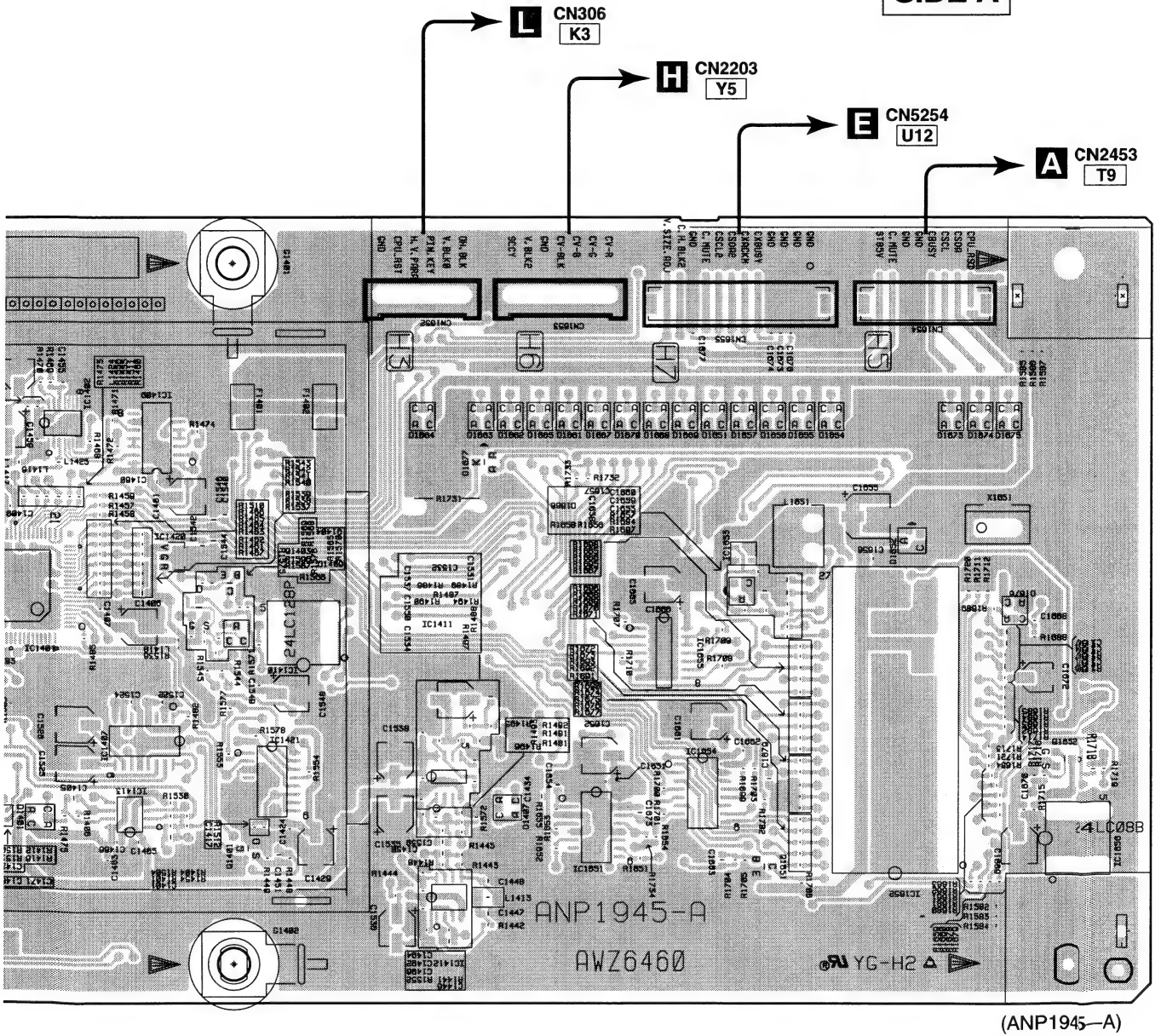
(ANP1945-A)

	IC1406	IC1419	IC1402	IC1403
IC1418	IC1405		IC1401	
IC1417	IC1404			
IC1416		IC1408		IC1407
IC1415	IC1403	IC1414		IC1402

5 6 7 8

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE A



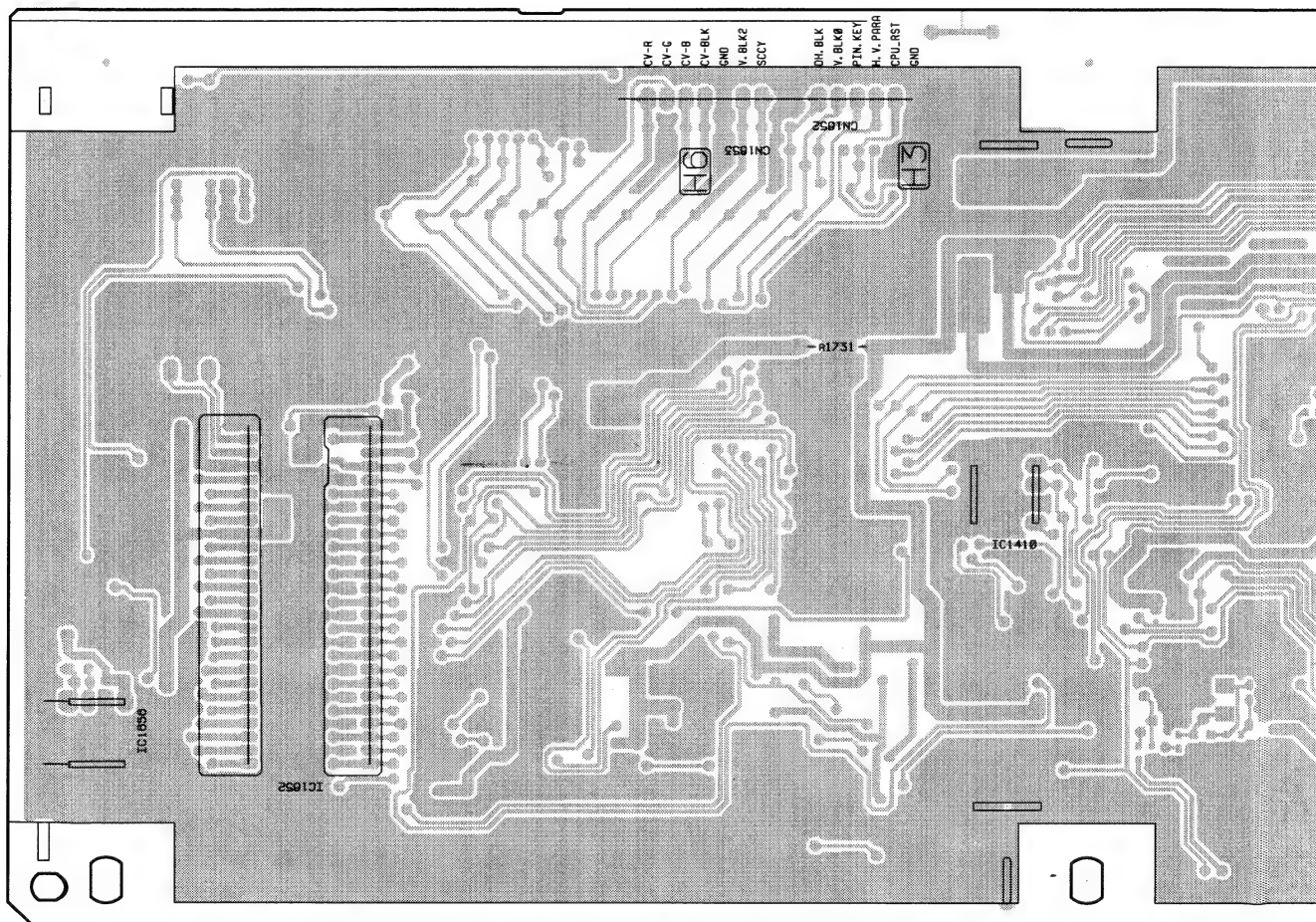
(ANP1945-A)

IC1402 IC1409
401 IC1420 Q1404
Q1403 IC1410
IC1407
IC1413 IC1421 IC1411 IC1653
Q1401 IC1412 IC1655 IC1652
IC1651 IC1654 Q1651
Q162
IC1656

B

C

D

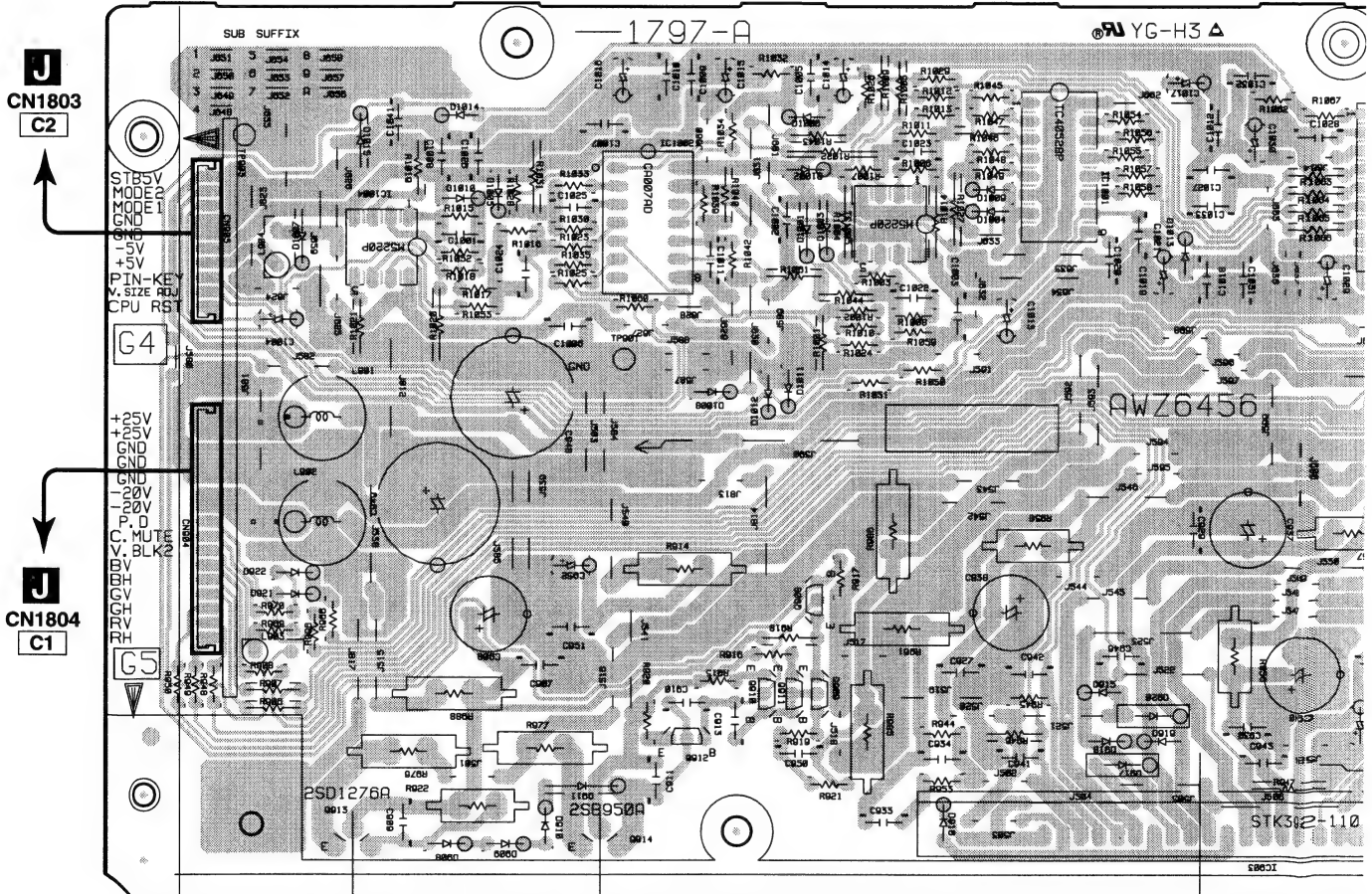


PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

4.7 CONV. AMP ASSY

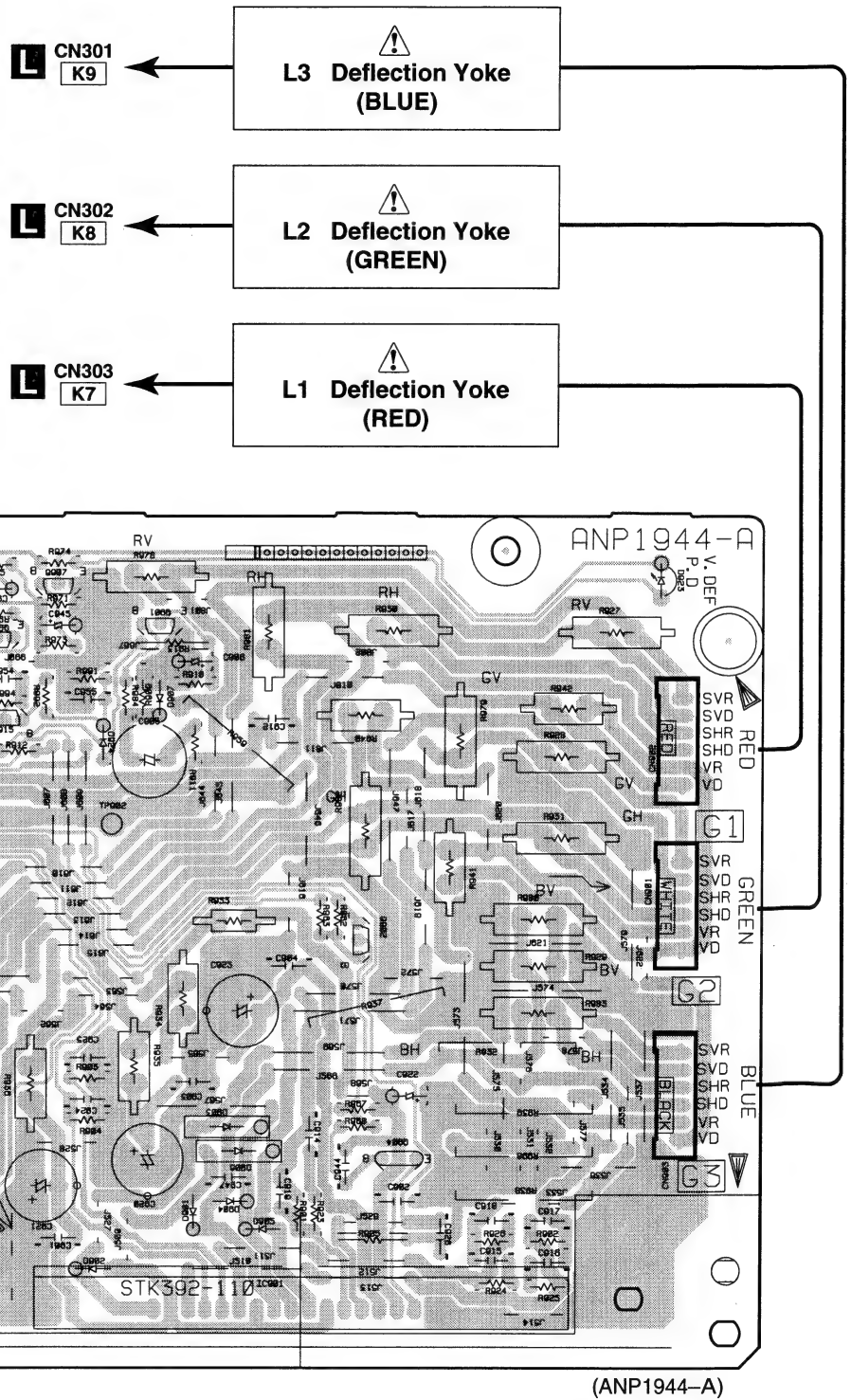
SIDE A

K CONV. AMP ASSY



IC1004 IC1002 IC1005 IC1001
Q908
Q912 Q909-Q911
Q913 Q914

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

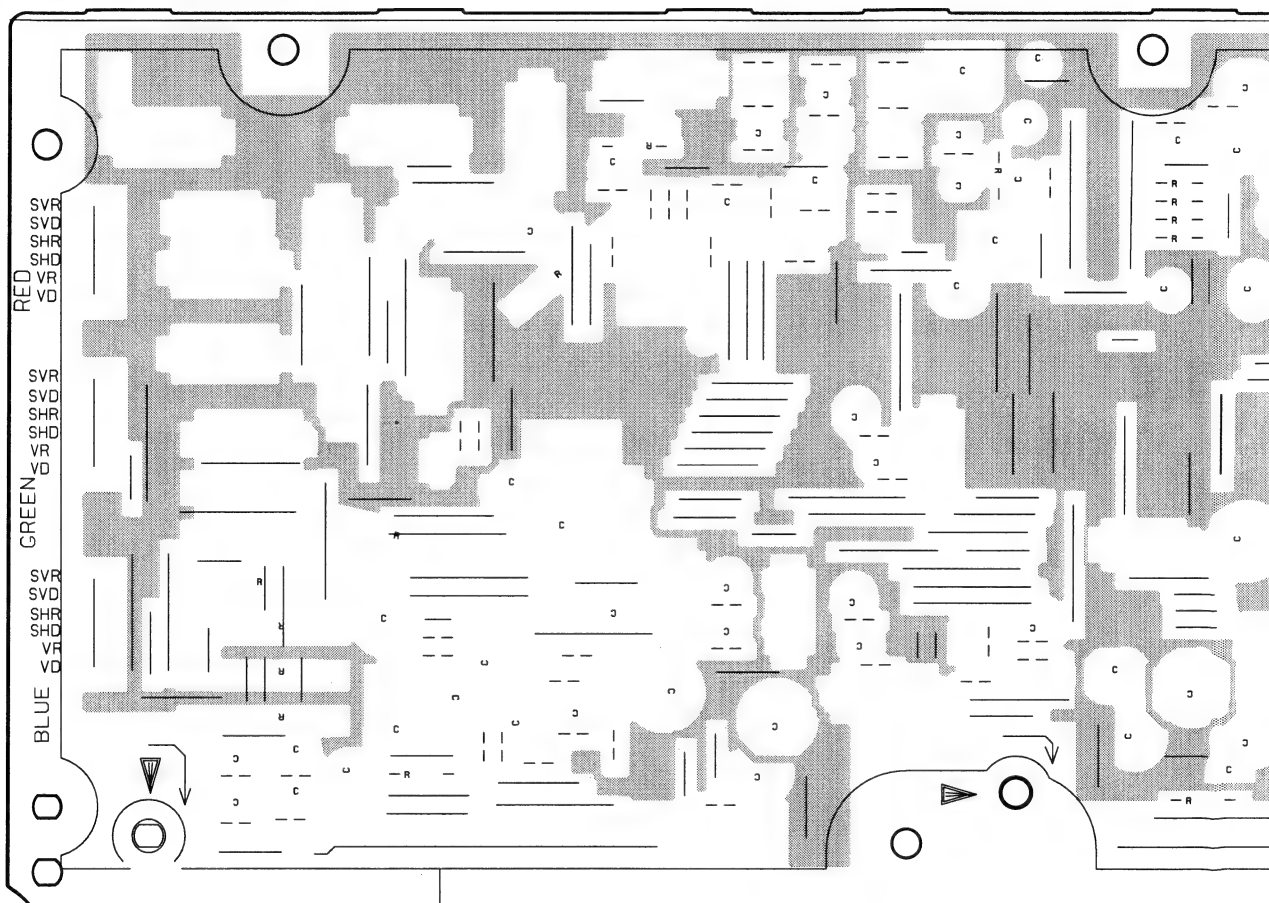


IC1003 Q903 Q905 Q906 Q907 Q901 Q902 Q904
Q916 Q915
Q918 Q917

1 2 3 4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

K CONV. AMP ASSY



A



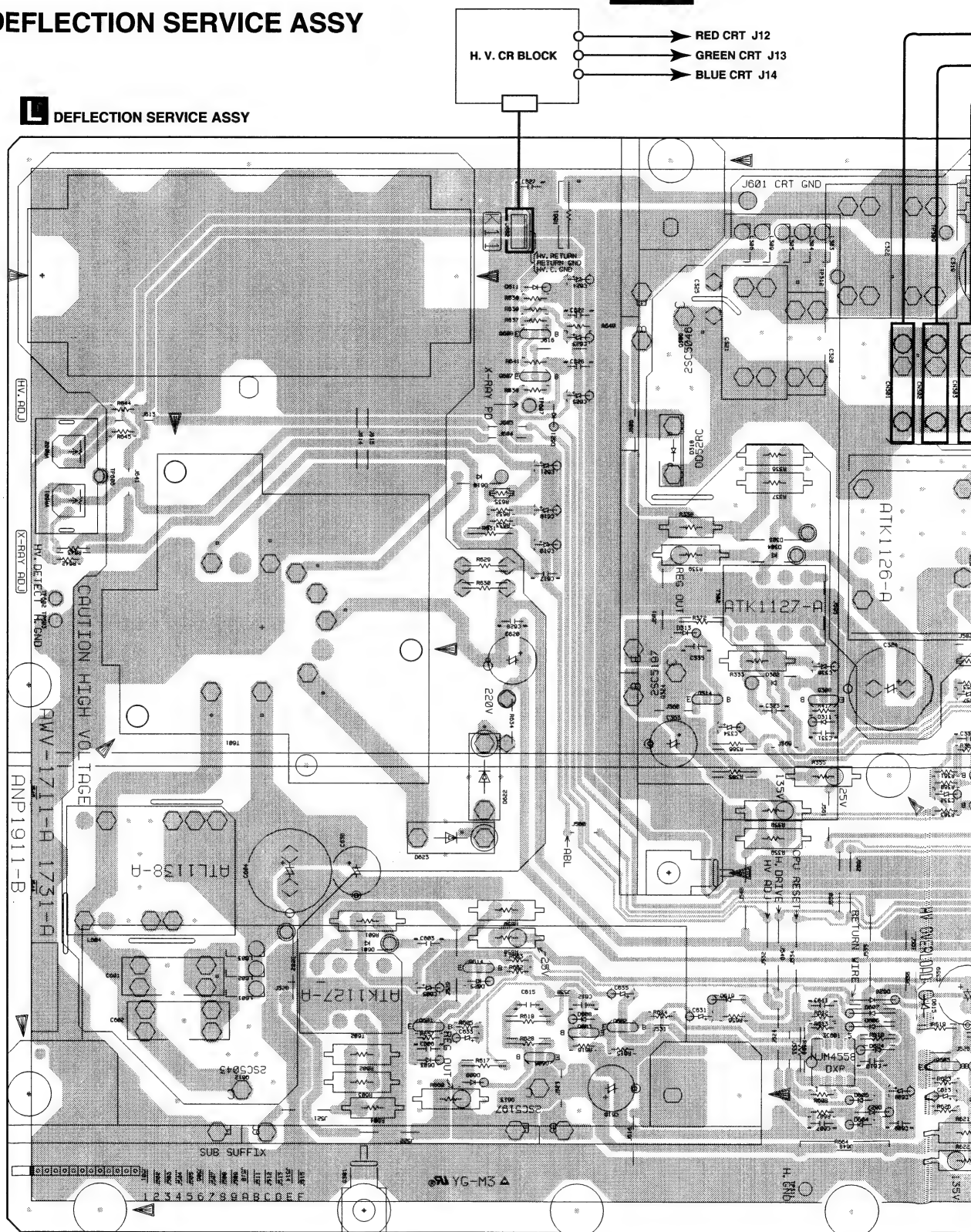
C

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

L-a

4.8 DEFLECTION SERVICE ASSY

DEFLECTION SERVICE ASSY



VR601 VR602

Q607 Q608

Q309

Q324

Q314

Q308

Q601

Q614

Q606

Q603

Q602

IC601

Q605



L-b

D



PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

A

B

C

D

SIDE A

RED CRT J12
GREEN CRT J13
BLUE CRT J14

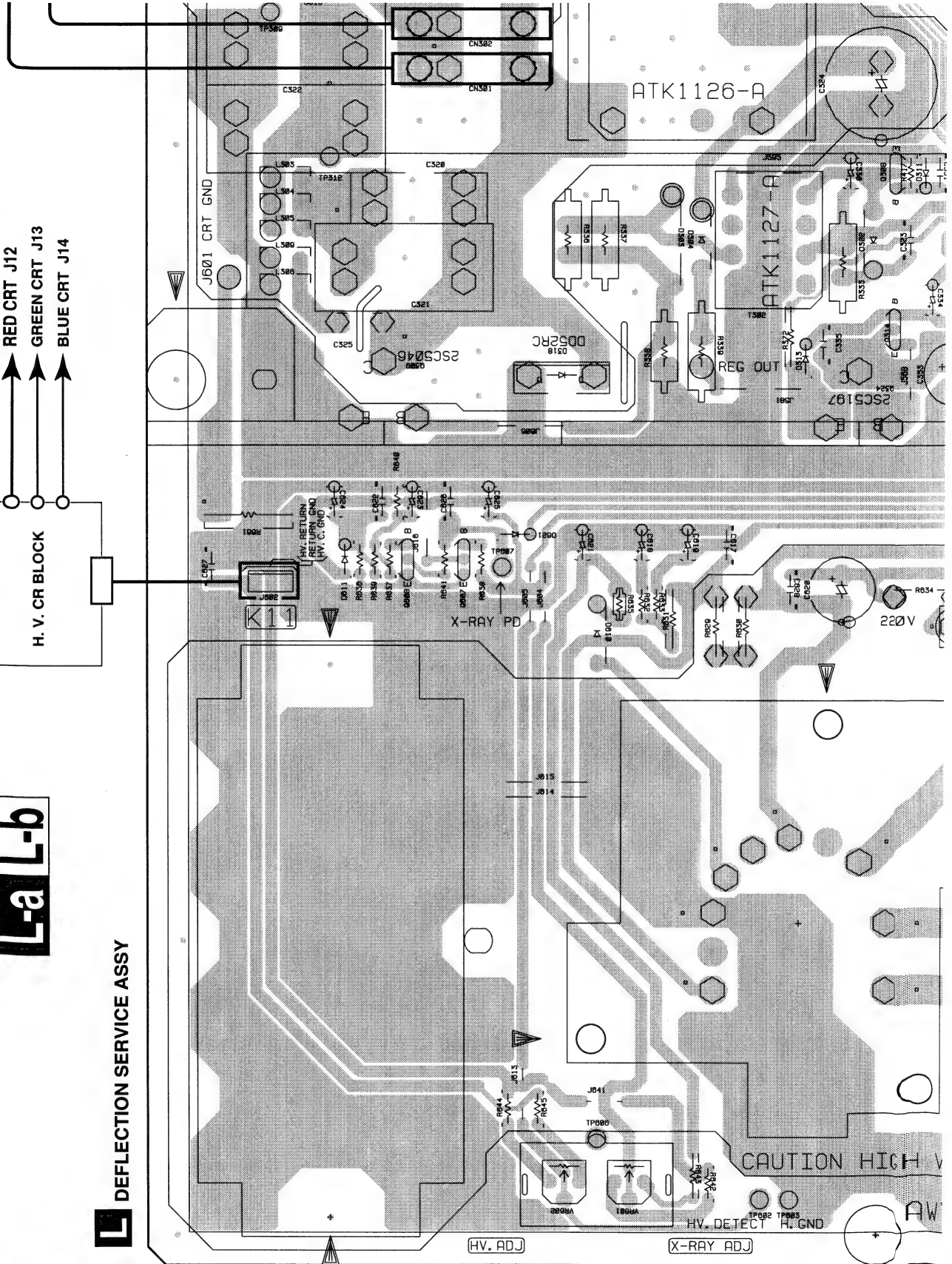
H. V. CR BLOCK

L-a L-b

L DEFLECTION SERVICE ASSY

L-a

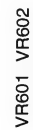
154



2

3

4



L-a L-b

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

A

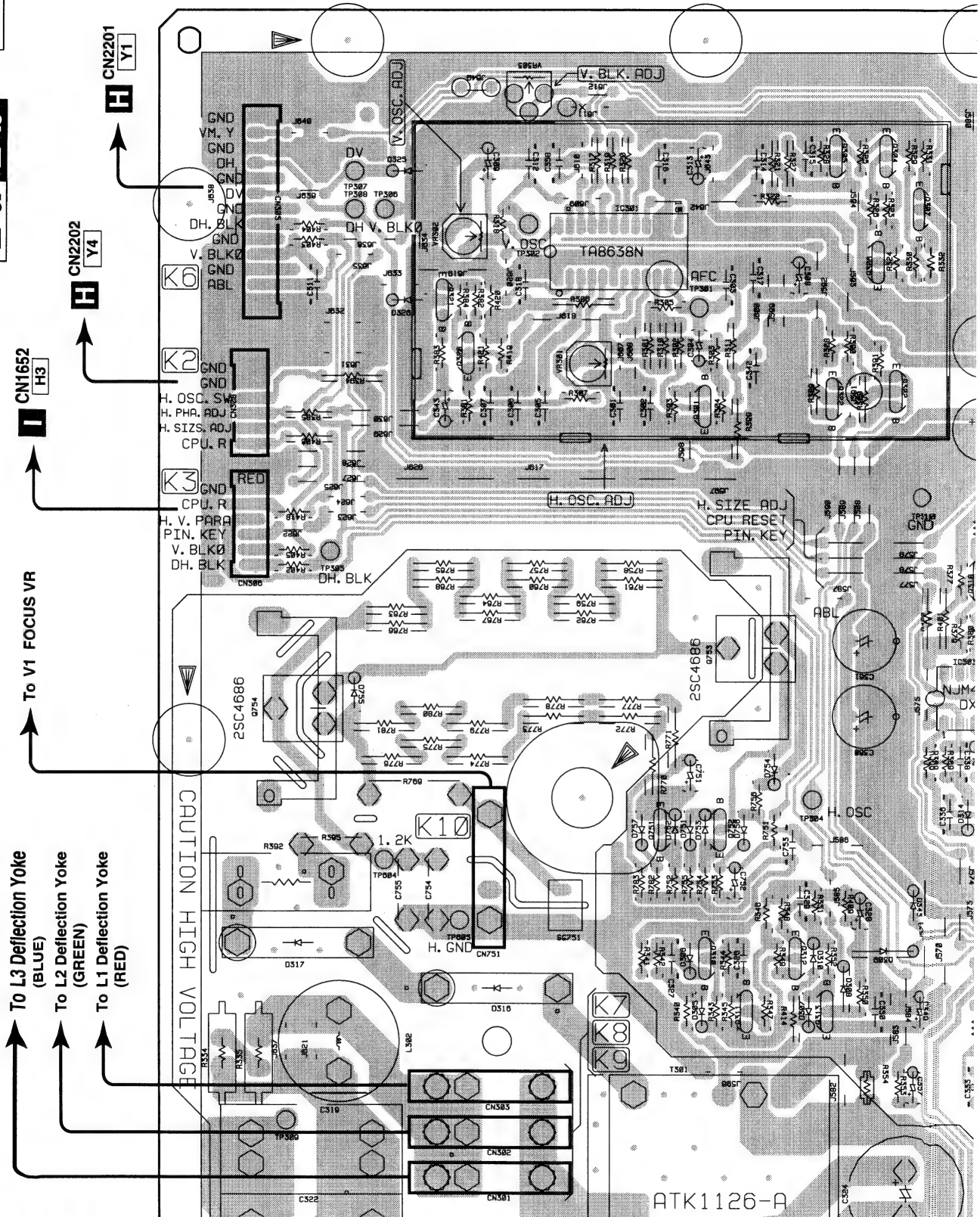
B

C

D

SIDE A

L-a L-b



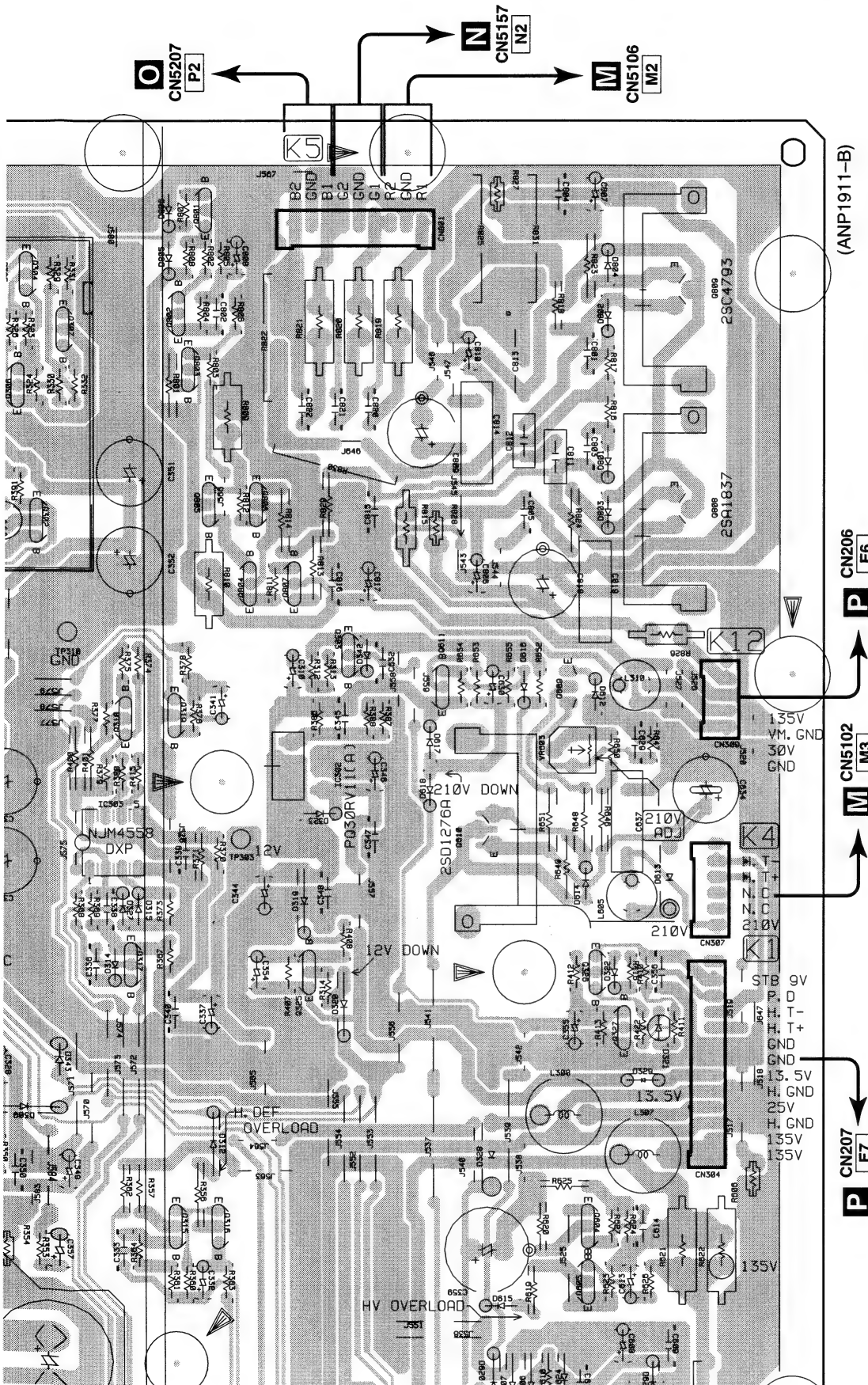
1

2

3

4

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5



(ANP1911-B)

VR301 VR302 VR303

Q754

Q301 Q302 Q303 Q304 Q305 Q306 Q307 Q308 Q309 Q310 Q311 Q312 Q313 Q314 Q315 Q316 Q317 Q318 Q319 Q320 Q321 Q322 Q323 Q324 Q325 Q326 Q327 Q328 Q329 Q330 Q331 Q332 Q333 Q334 Q335 Q336 Q337 Q338 Q339 Q340 Q341 Q342 Q343 Q344 Q345 Q346 Q347 Q348 Q349 Q350 Q351 Q352 Q353 Q354 Q355 Q356 Q357 Q358 Q359 Q360 Q361 Q362 Q363 Q364 Q365 Q366 Q367 Q368 Q369 Q370 Q371 Q372 Q373 Q374 Q375 Q376 Q377 Q378 Q379 Q380 Q381 Q382 Q383 Q384 Q385 Q386 Q387 Q388 Q389 Q390 Q391 Q392 Q393 Q394 Q395 Q396 Q397 Q398 Q399 Q400 Q401 Q402 Q403 Q404 Q405 Q406 Q407 Q408 Q409 Q410 Q411 Q412 Q413 Q414 Q415 Q416 Q417 Q418 Q419 Q420 Q421 Q422 Q423 Q424 Q425 Q426 Q427 Q428 Q429 Q430 Q431 Q432 Q433 Q434 Q435 Q436 Q437 Q438 Q439 Q440 Q441 Q442 Q443 Q444 Q445 Q446 Q447 Q448 Q449 Q450 Q451 Q452 Q453 Q454 Q455 Q456 Q457 Q458 Q459 Q460 Q461 Q462 Q463 Q464 Q465 Q466 Q467 Q468 Q469 Q470 Q471 Q472 Q473 Q474 Q475 Q476 Q477 Q478 Q479 Q480 Q481 Q482 Q483 Q484 Q485 Q486 Q487 Q488 Q489 Q490 Q491 Q492 Q493 Q494 Q495 Q496 Q497 Q498 Q499 Q500 Q501 Q502 Q503 Q504 Q505 Q506 Q507 Q508 Q509 Q510 Q511 Q512 Q513 Q514 Q515 Q516 Q517 Q518 Q519 Q520 Q521 Q522 Q523 Q524 Q525 Q526 Q527 Q528 Q529 Q530 Q531 Q532 Q533 Q534 Q535 Q536 Q537 Q538 Q539 Q540 Q541 Q542 Q543 Q544 Q545 Q546 Q547 Q548 Q549 Q550 Q551 Q552 Q553 Q554 Q555 Q556 Q557 Q558 Q559 Q560 Q561 Q562 Q563 Q564 Q565 Q566 Q567 Q568 Q569 Q570 Q571 Q572 Q573 Q574 Q575 Q576 Q577 Q578 Q579 Q580 Q581 Q582 Q583 Q584 Q585 Q586 Q587 Q588 Q589 Q590 Q591 Q592 Q593 Q594 Q595 Q596 Q597 Q598 Q599 Q600 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 Q620 Q621 Q622 Q623 Q624 Q625 Q626 Q627 Q628 Q629 Q630 Q631 Q632 Q633 Q634 Q635 Q636 Q637 Q638 Q639 Q640 Q641 Q642 Q643 Q644 Q645 Q646 Q647 Q648 Q649 Q650 Q651 Q652 Q653 Q654 Q655 Q656 Q657 Q658 Q659 Q660 Q661 Q662 Q663 Q664 Q665 Q666 Q667 Q668 Q669 Q670 Q671 Q672 Q673 Q674 Q675 Q676 Q677 Q678 Q679 Q680 Q681 Q682 Q683 Q684 Q685 Q686 Q687 Q688 Q689 Q690 Q691 Q692 Q693 Q694 Q695 Q696 Q697 Q698 Q699 Q700 Q701 Q702 Q703 Q704 Q705 Q706 Q707 Q708 Q709 Q710 Q711 Q712 Q713 Q714 Q715 Q716 Q717 Q718 Q719 Q720 Q721 Q722 Q723 Q724 Q725 Q726 Q727 Q728 Q729 Q730 Q731 Q732 Q733 Q734 Q735 Q736 Q737 Q738 Q739 Q740 Q741 Q742 Q743 Q744 Q745 Q746 Q747 Q748 Q749 Q750 Q751 Q752 Q753 Q754 Q755 Q756 Q757 Q758 Q759 Q760 Q761 Q762 Q763 Q764 Q765 Q766 Q767 Q768 Q769 Q770 Q771 Q772 Q773 Q774 Q775 Q776 Q777 Q778 Q779 Q780 Q781 Q782 Q783 Q784 Q785 Q786 Q787 Q788 Q789 Q790 Q791 Q792 Q793 Q794 Q795 Q796 Q797 Q798 Q799 Q800 Q801 Q802 Q803 Q804 Q805 Q806 Q807 Q808 Q809 Q810 Q811 Q812 Q813 Q814 Q815 Q816 Q817 Q818 Q819 Q820 Q821 Q822 Q823 Q824 Q825 Q826 Q827 Q828 Q829 Q830 Q831 Q832 Q833 Q834 Q835 Q836 Q837 Q838 Q839 Q840 Q841 Q842 Q843 Q844 Q845 Q846 Q847 Q848 Q849 Q850 Q851 Q852 Q853 Q854 Q855 Q856 Q857 Q858 Q859 Q860 Q861 Q862 Q863 Q864 Q865 Q866 Q867 Q868 Q869 Q870 Q871 Q872 Q873 Q874 Q875 Q876 Q877 Q878 Q879 Q880 Q881 Q882 Q883 Q884 Q885 Q886 Q887 Q888 Q889 Q890 Q891 Q892 Q893 Q894 Q895 Q896 Q897 Q898 Q899 Q900 Q901 Q902 Q903 Q904 Q905 Q906 Q907 Q908 Q909 Q910 Q911 Q912 Q913 Q914 Q915 Q916 Q917 Q918 Q919 Q920 Q921 Q922 Q923 Q924 Q925 Q926 Q927 Q928 Q929 Q930 Q931 Q932 Q933 Q934 Q935 Q936 Q937 Q938 Q939 Q940 Q941 Q942 Q943 Q944 Q945 Q946 Q947 Q948 Q949 Q950 Q951 Q952 Q953 Q954 Q955 Q956 Q957 Q958 Q959 Q960 Q961 Q962 Q963 Q964 Q965 Q966 Q967 Q968 Q969 Q970 Q971 Q972 Q973 Q974 Q975 Q976 Q977 Q978 Q979 Q980 Q981 Q982 Q983 Q984 Q985 Q986 Q987 Q988 Q989 Q990 Q991 Q992 Q993 Q994 Q995 Q996 Q997 Q998 Q999 Q1000

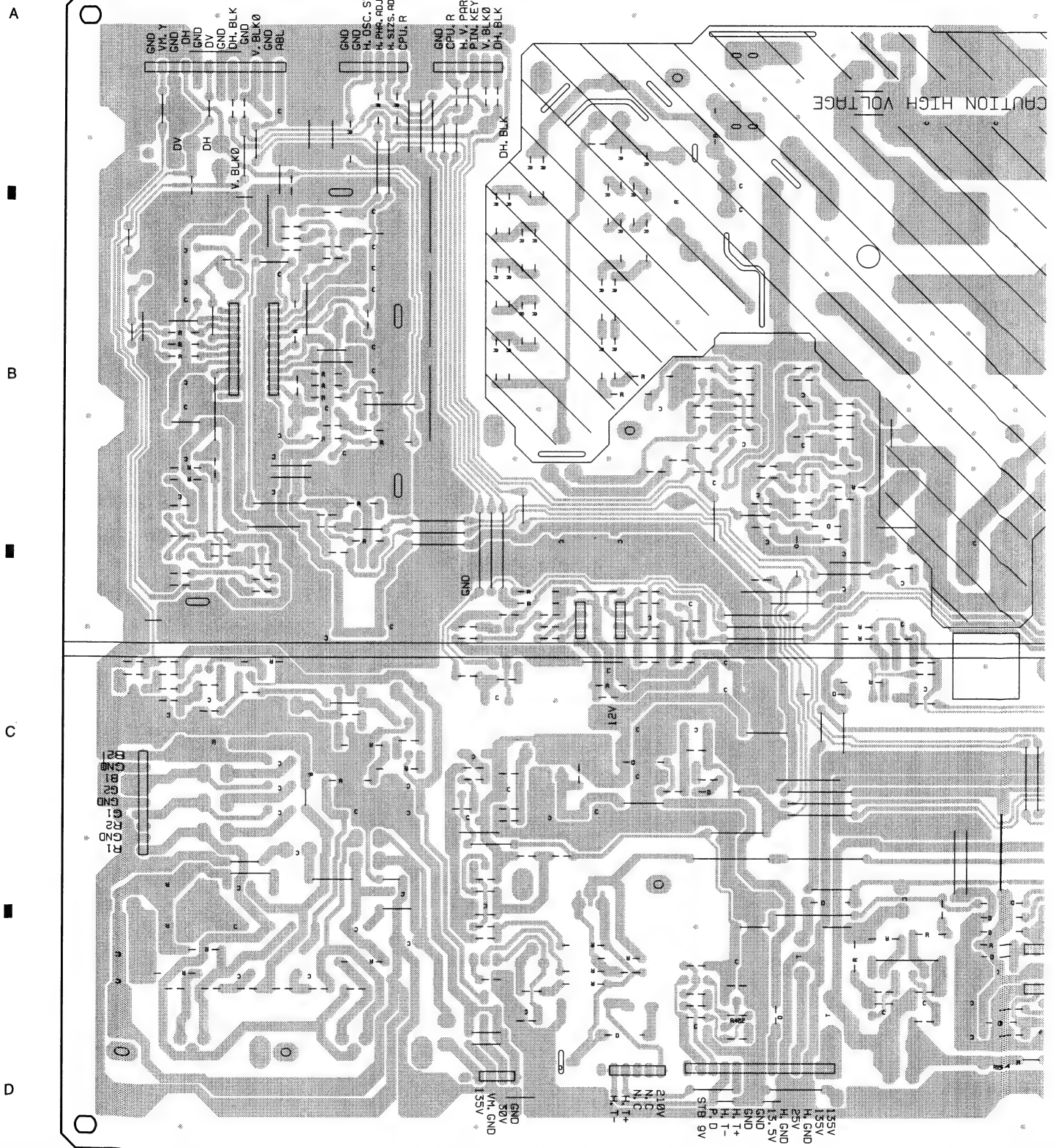
L-a L-b

L-b

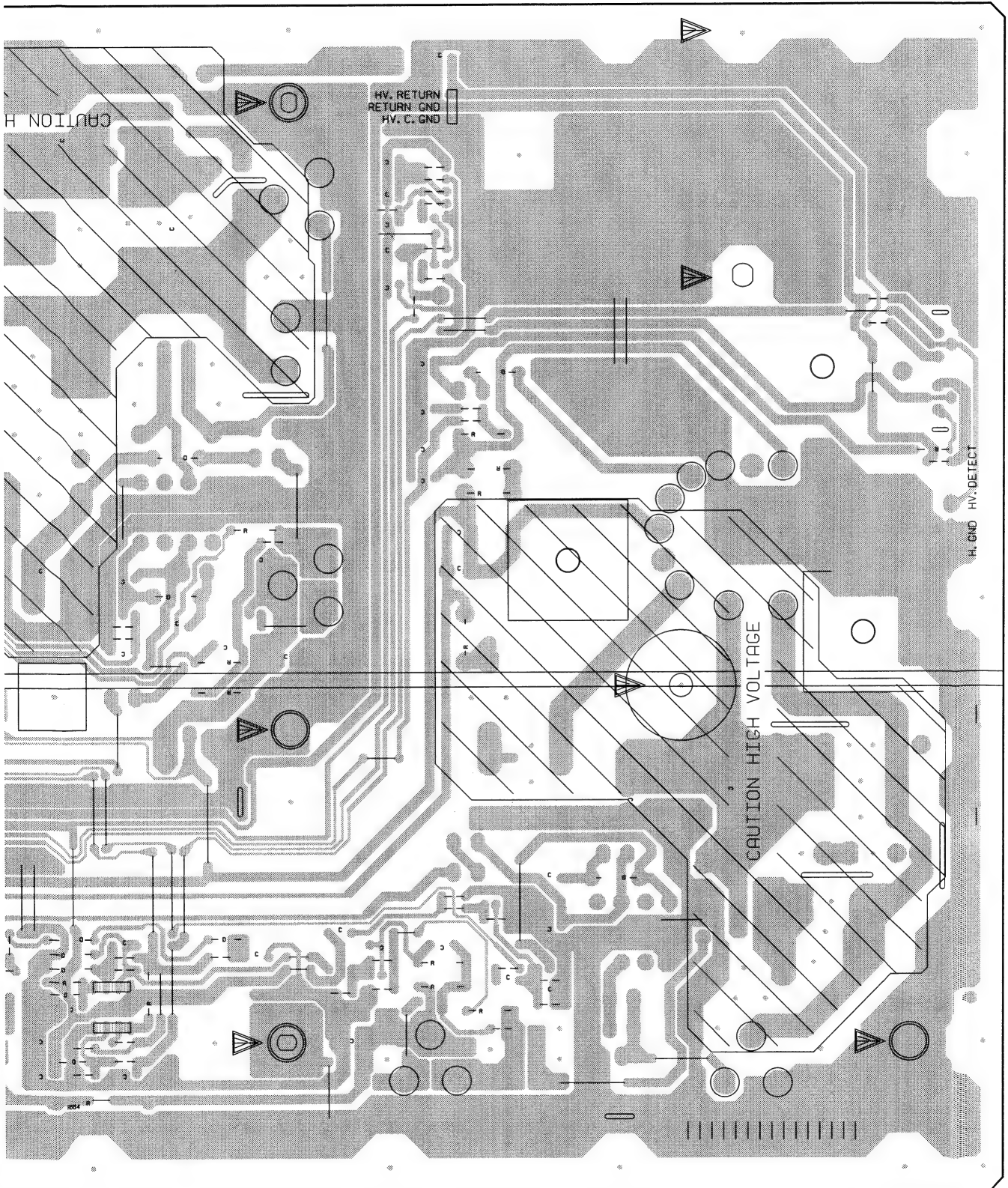
1 2 3

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

DEFLECTION SERVICE ASSY



SIDE B



(ANP19-1-B)

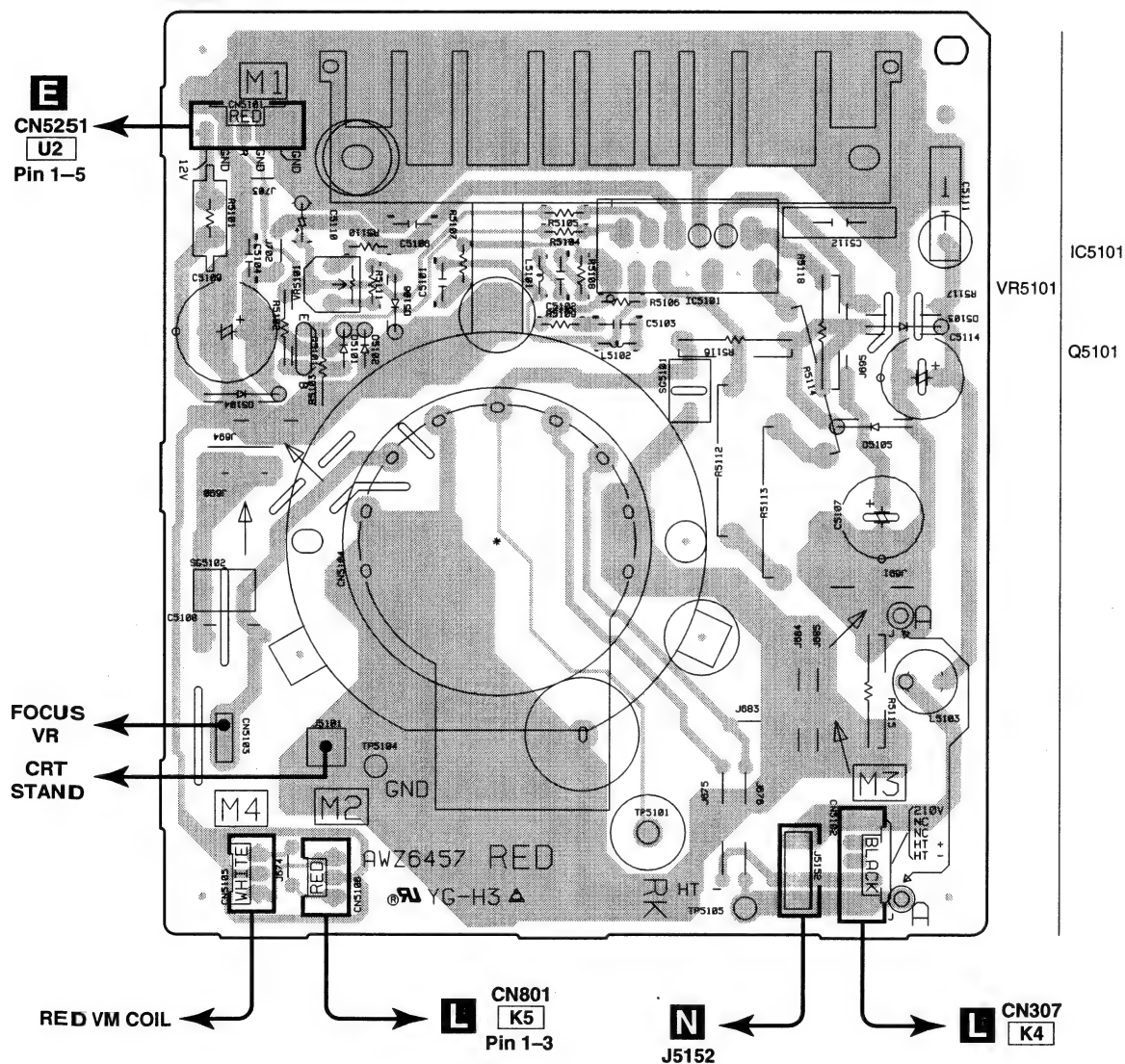


4.9 R CRT DRIVE ASSY

SIDE A

M R CRT DRIVE ASSY

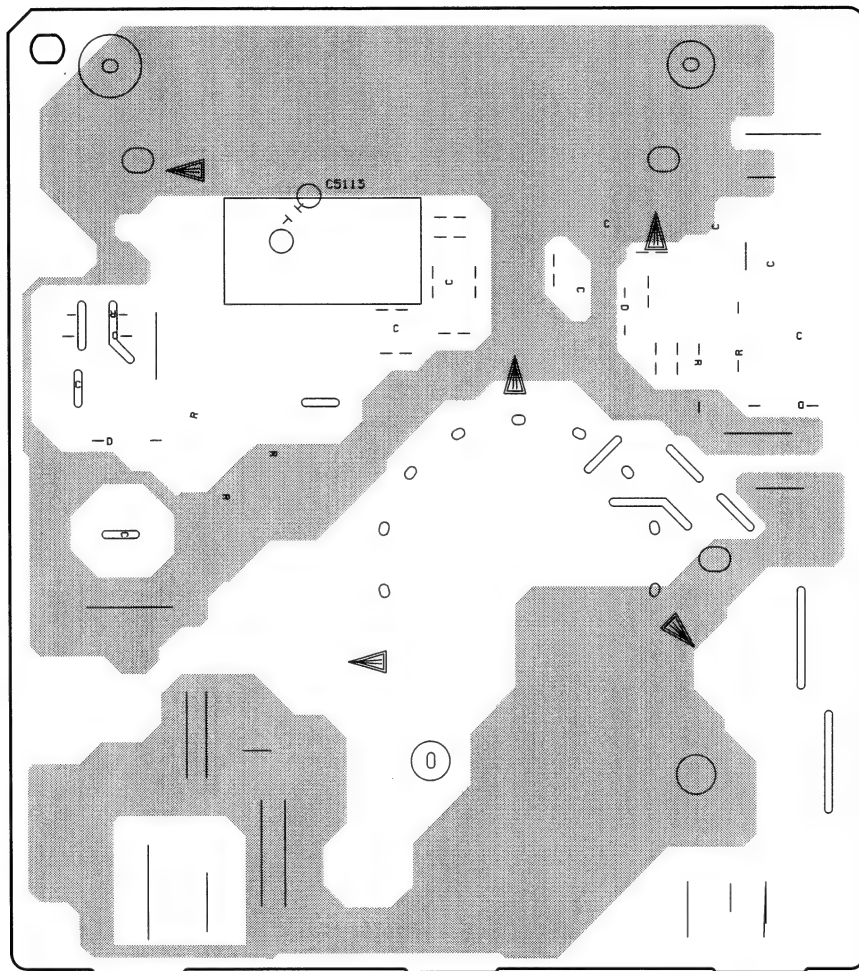
(ANP1944-A)



A

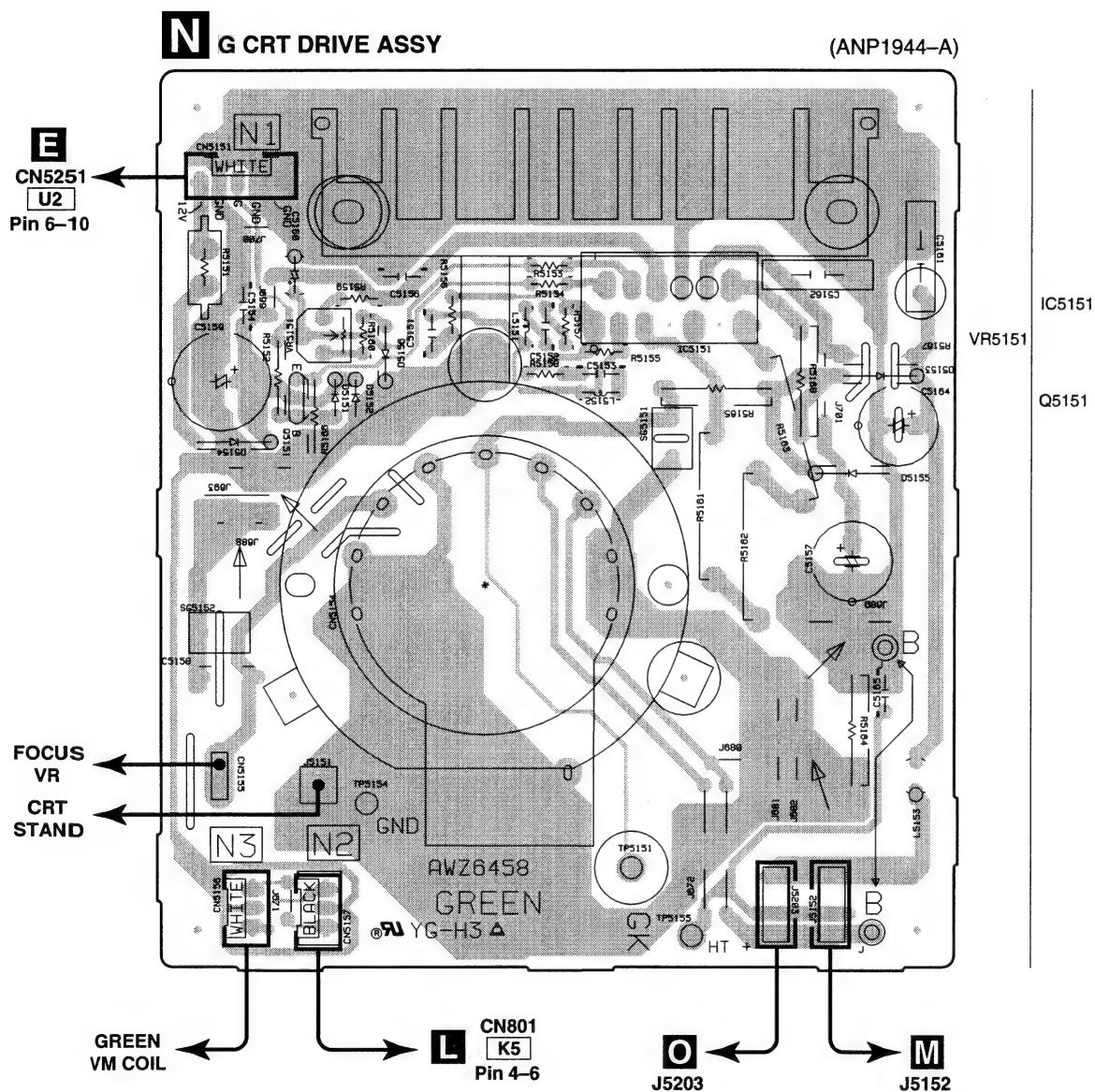
SIDE B

M R CRT DRIVE ASSY



(ANP1944-A)

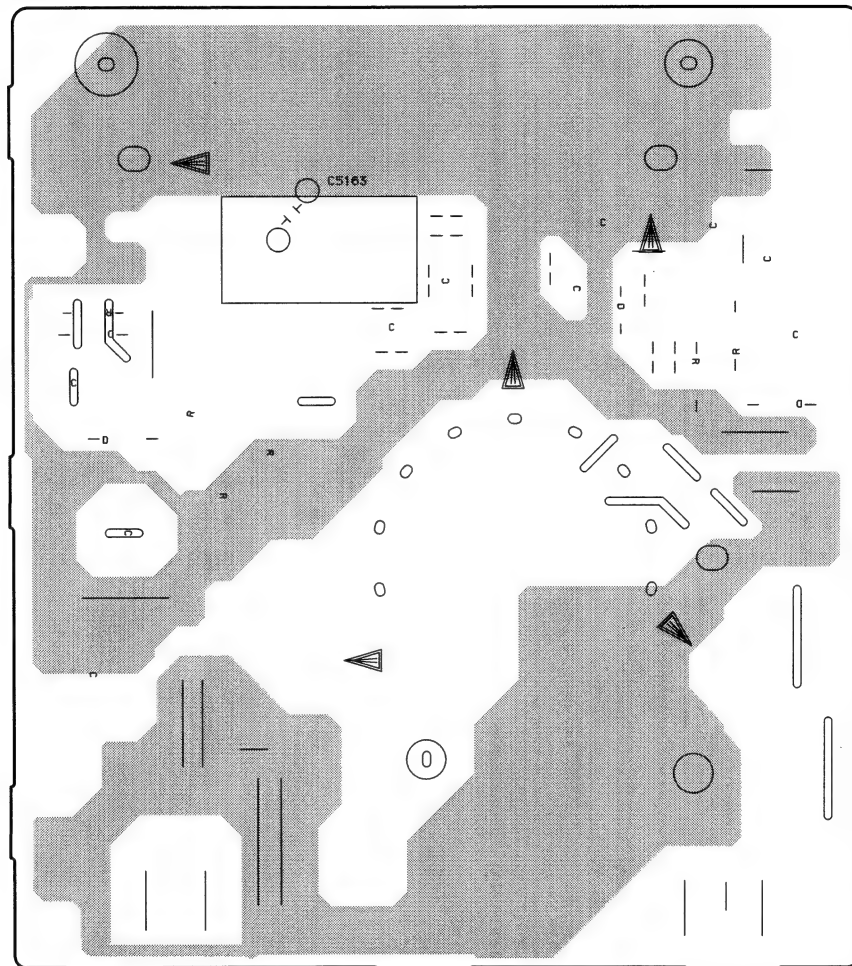
4.10 G CRT DRIVE ASSY

SIDE A

A

SIDE B

N G CRT DRIVE ASSY



(ANP1944-A)

C

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

4.11 B CRT DRIVE ASSY

SIDE A

B CRT DRIVE ASSY

(ANP1944-A)

E
CN5251
U2
Pin 11-15

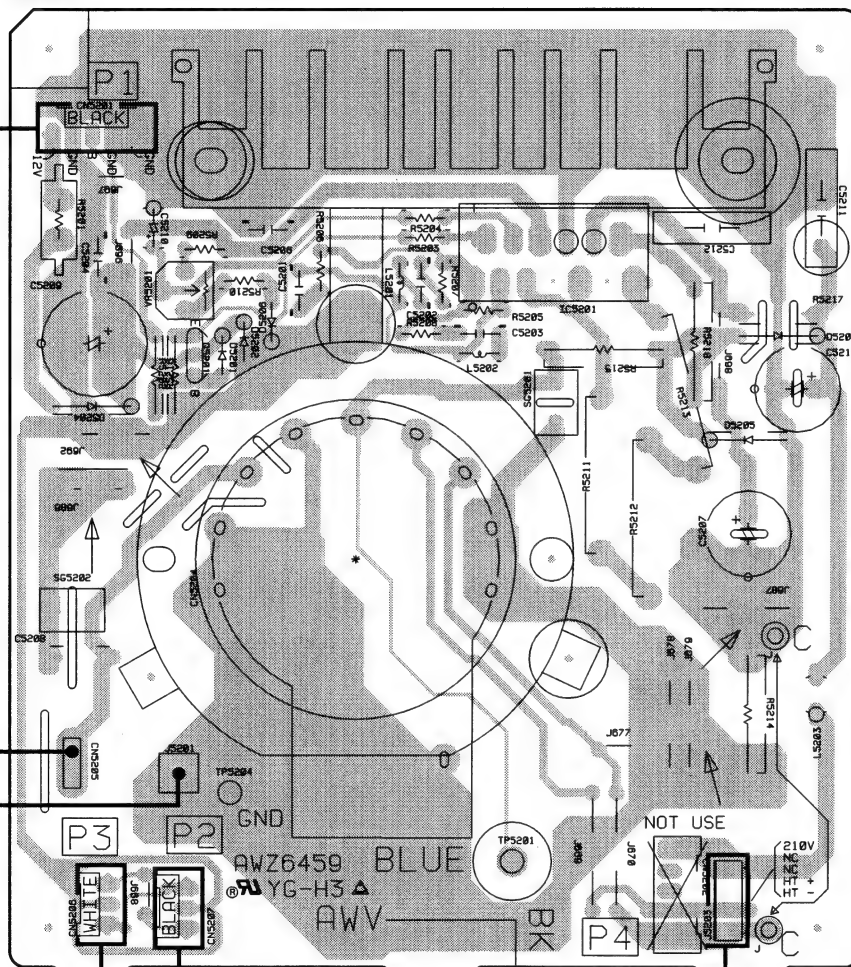
FOCUS VR
CRT STAND

BLUE
VM COIL

L CN801
K5
Pin 7-9

N
J5203

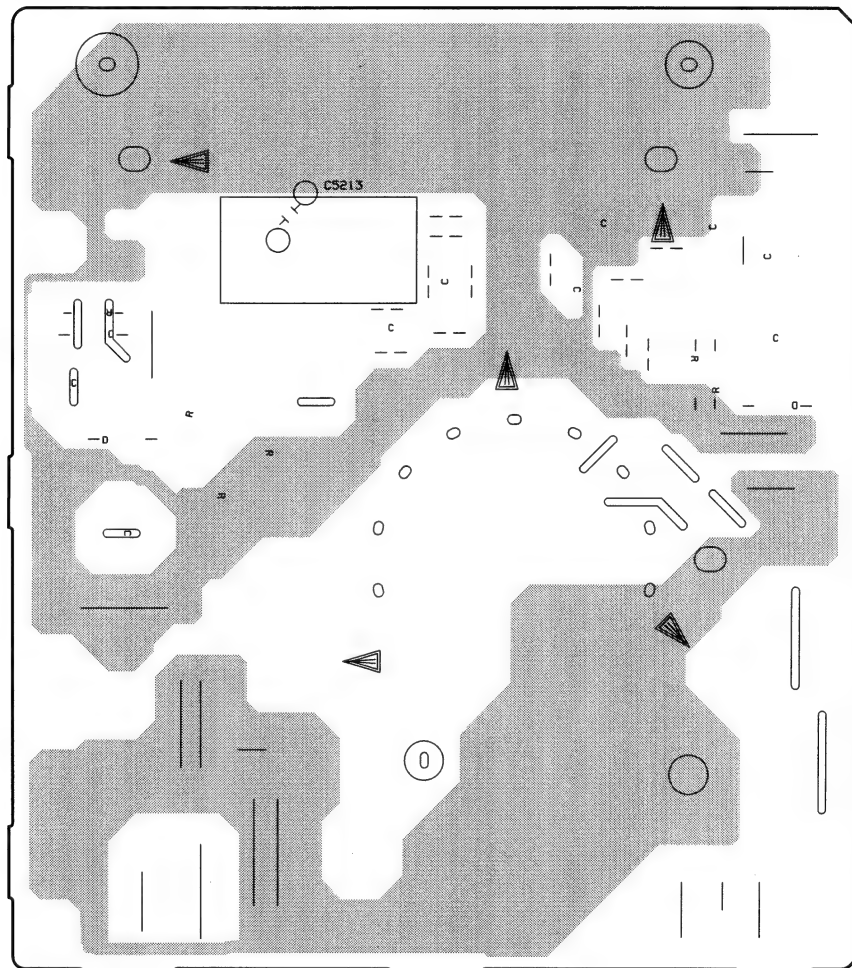
IC5201
VR5201
Q5201



A

SIDE B

O G CRT DRIVE ASSY



(ANP1944-A)

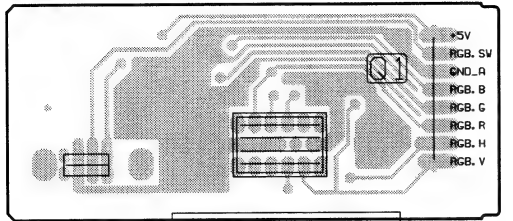
C

D

F G S T



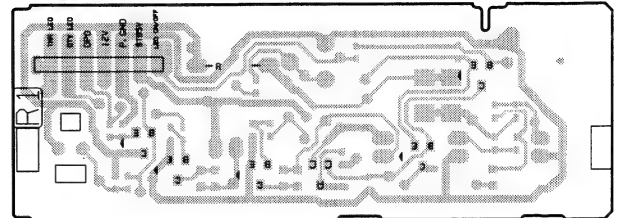
F RGB SW ASSY



(ANP1945-A)

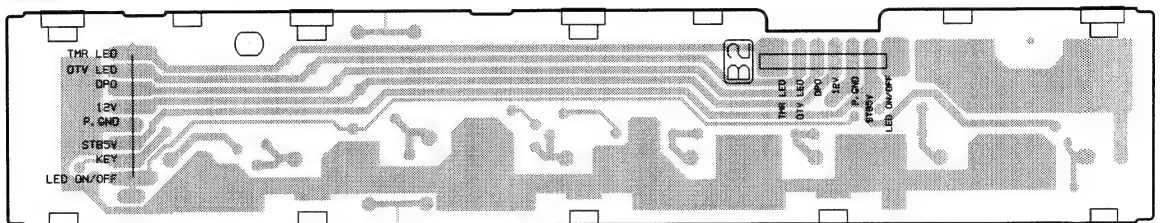
SIDE B

T LED DPO ASSY



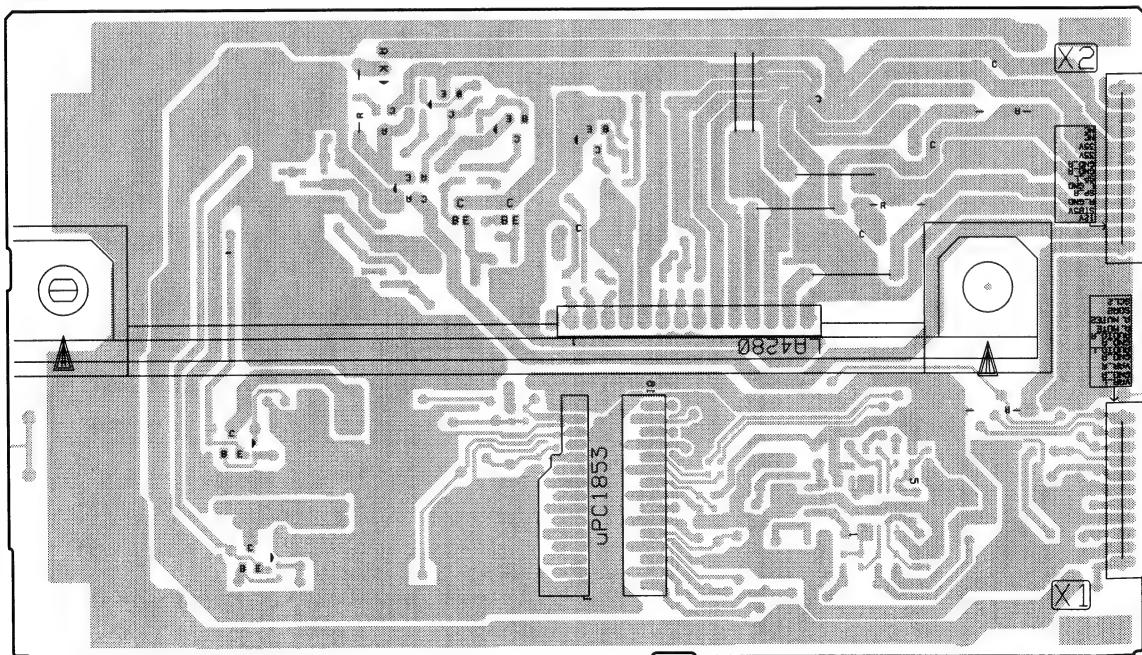
(ANP1945-A)

S FRONT CONTROL ASSY



(ANP1945-A)

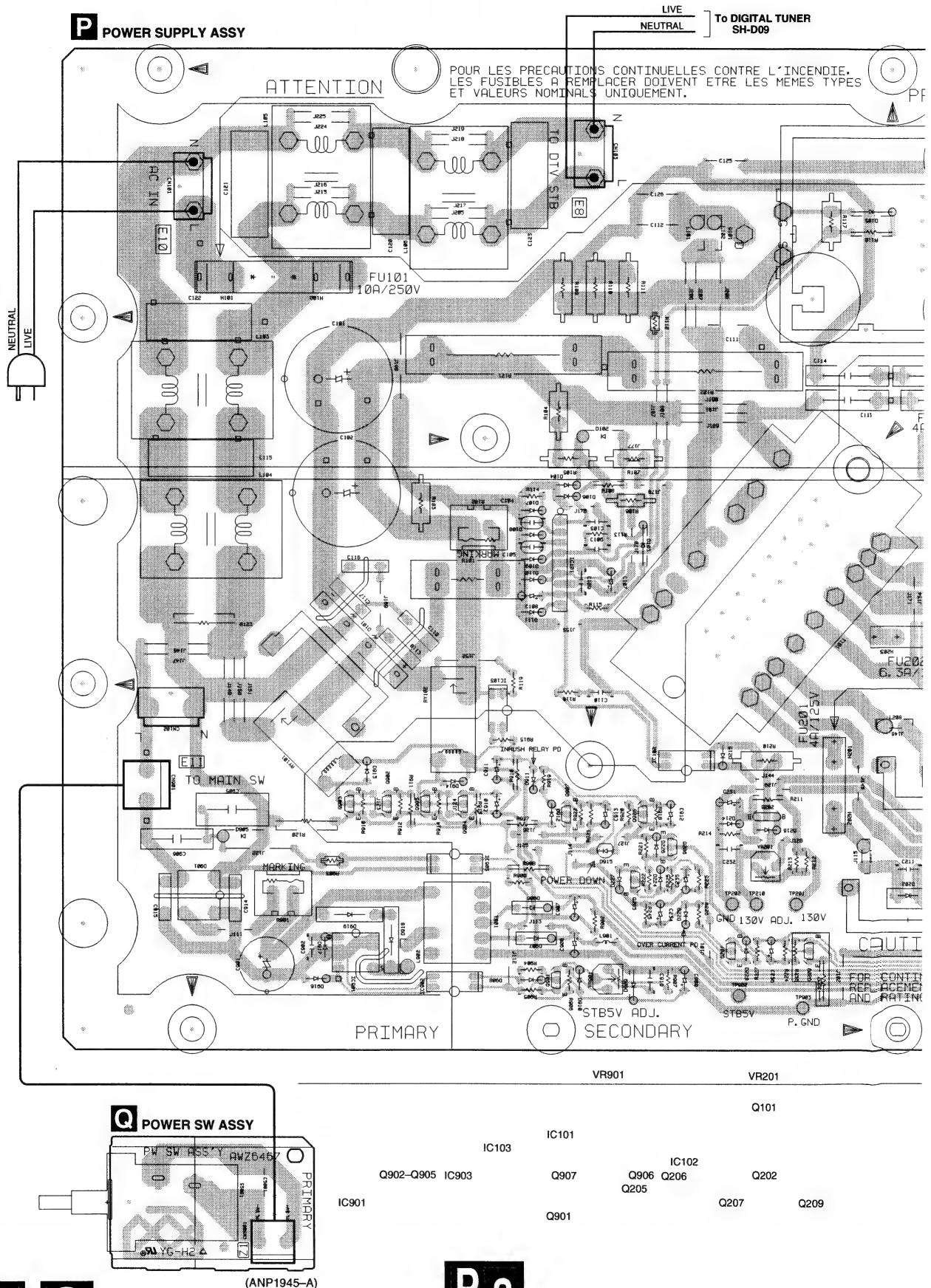
G AUDIO ASSY

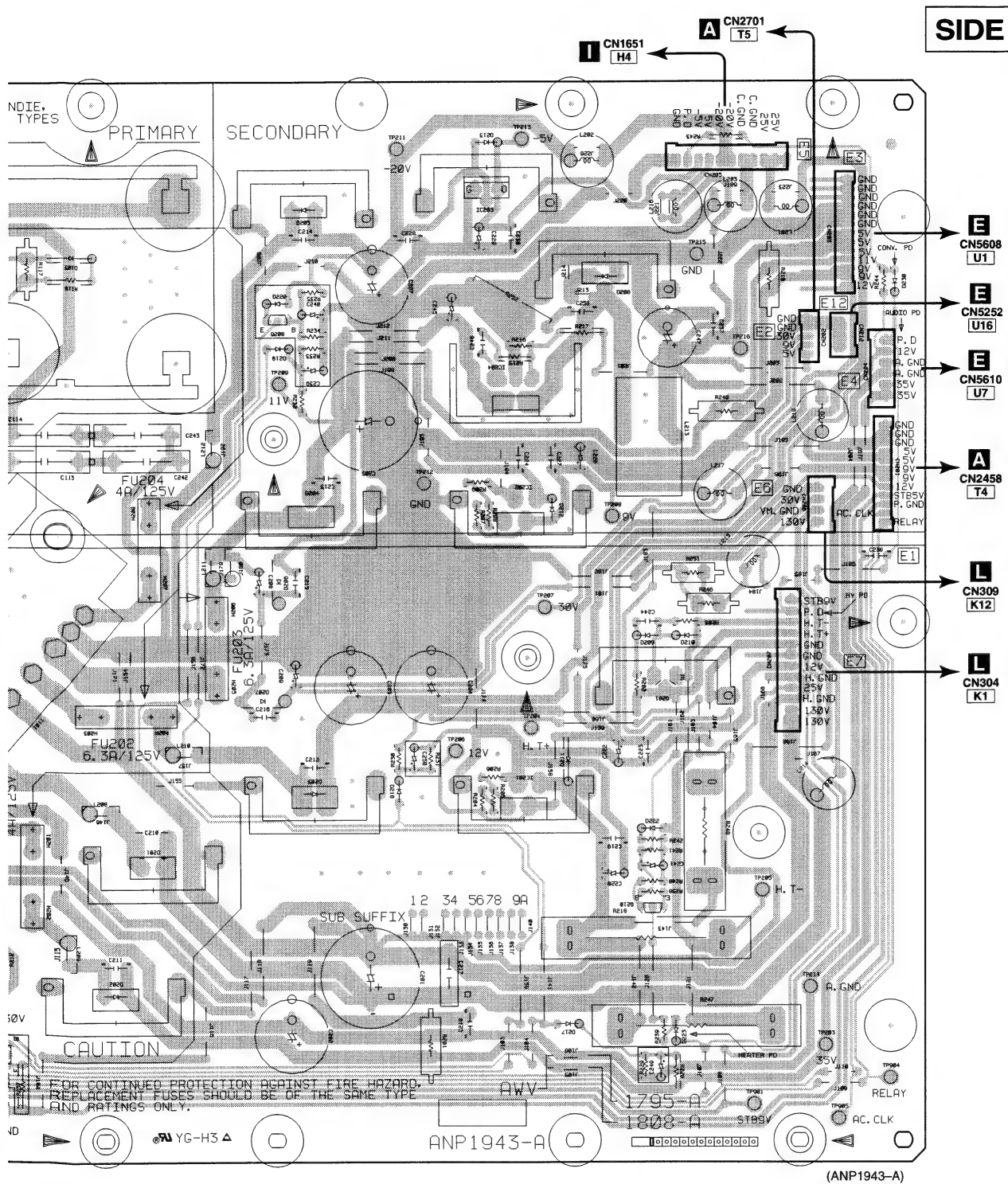


(ANP1945-A)

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

4.13 POWER SUPPLY ASSY and POWER SW ASSY





IC203

Q208

IC204
IC202
IC201

Q201

Q210

209

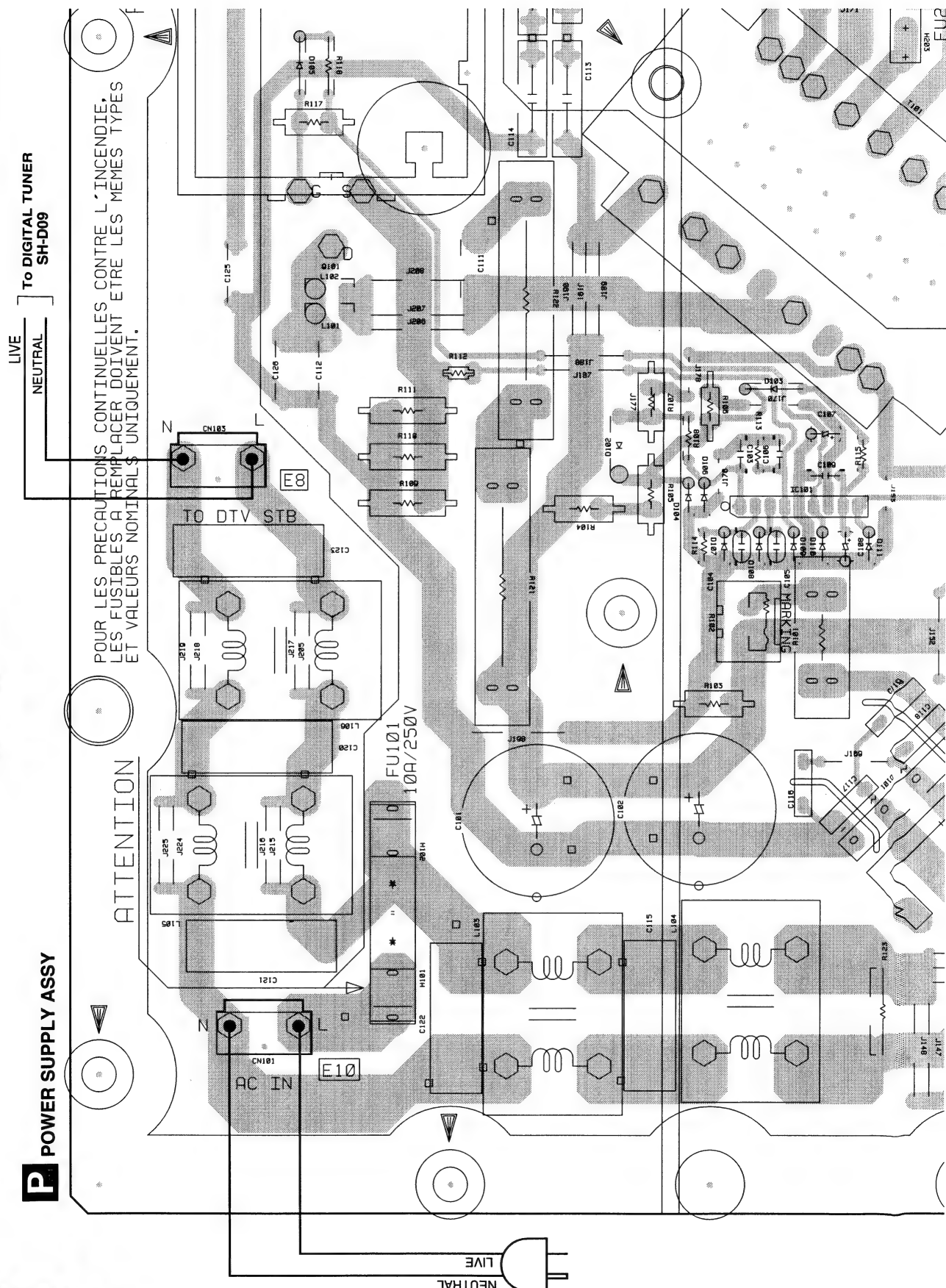
P-b

P

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

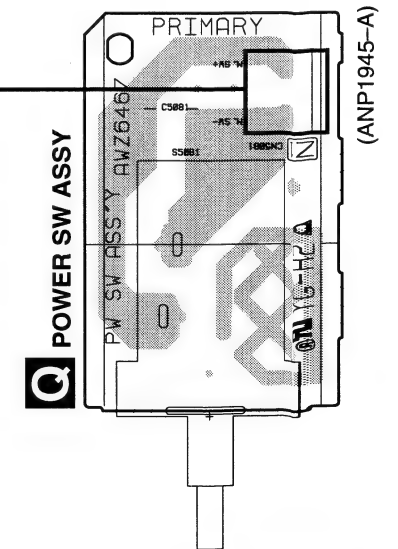
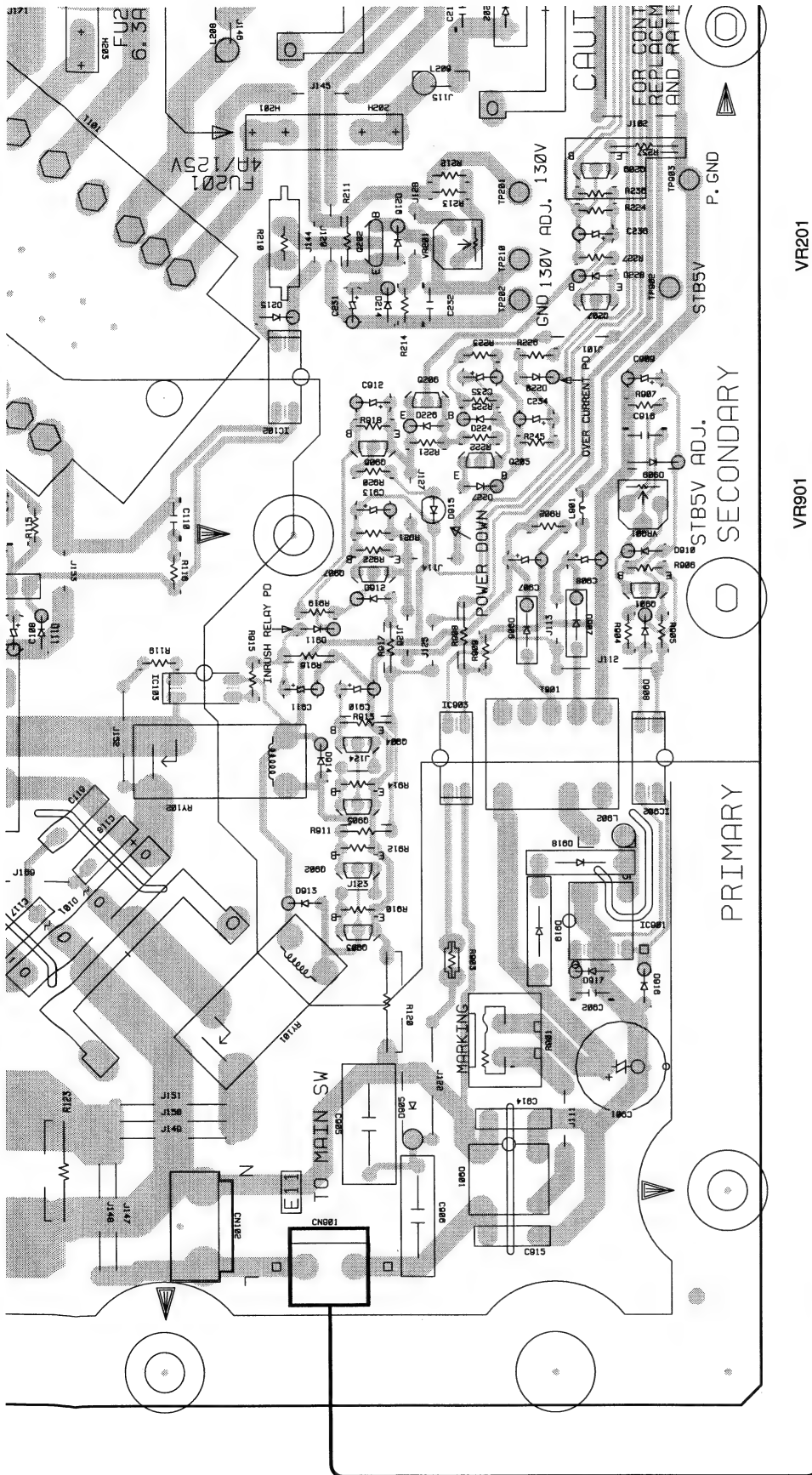
SIDE A

P-a P-b



P-a

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5



P-a

P-a P-b Q

IC101 IC103 Q902-Q905 IC903 IC901 Q907 Q906 Q206 Q205 Q207 Q209

Q101

VR201

VR901

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

A

B

C

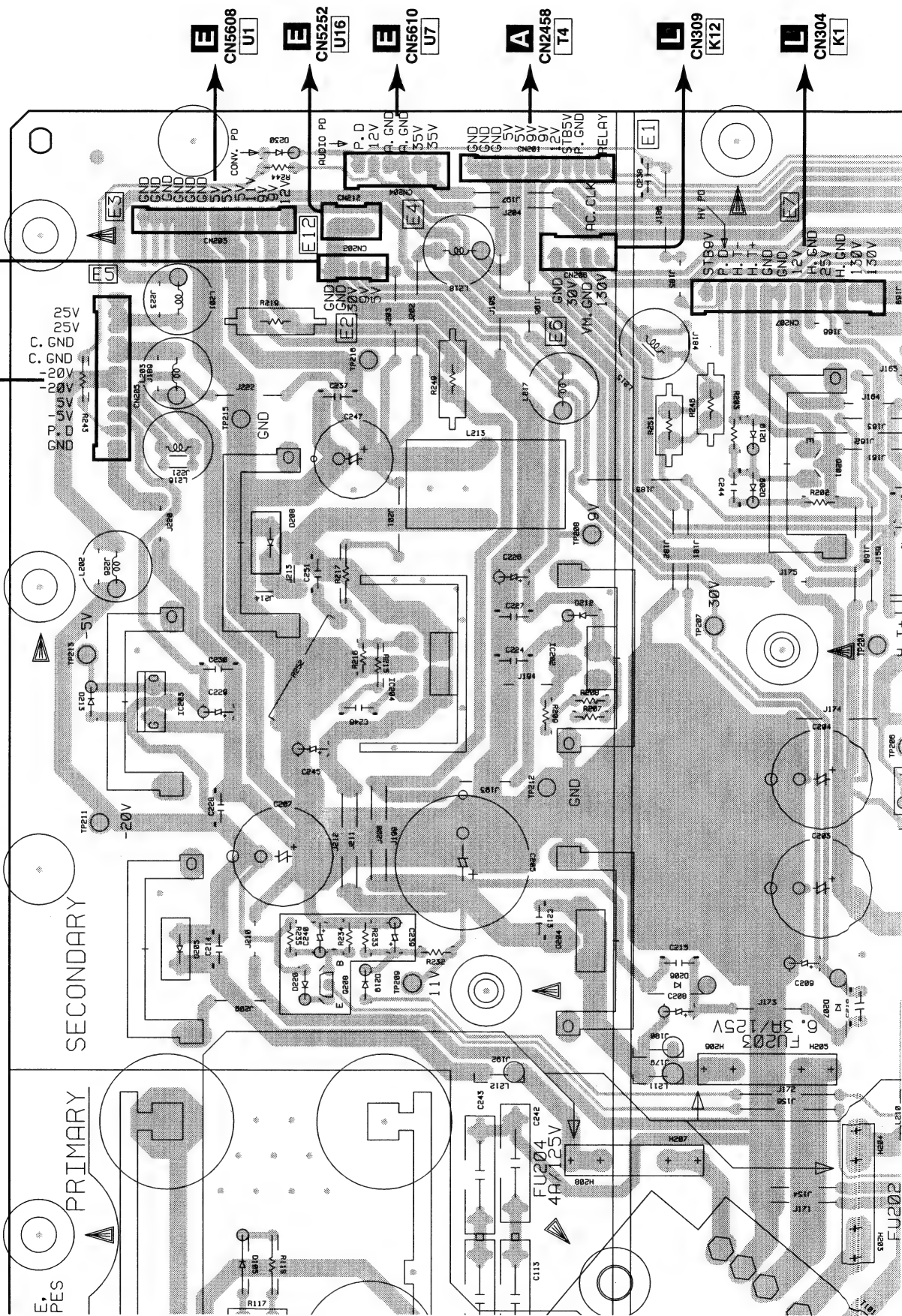
D

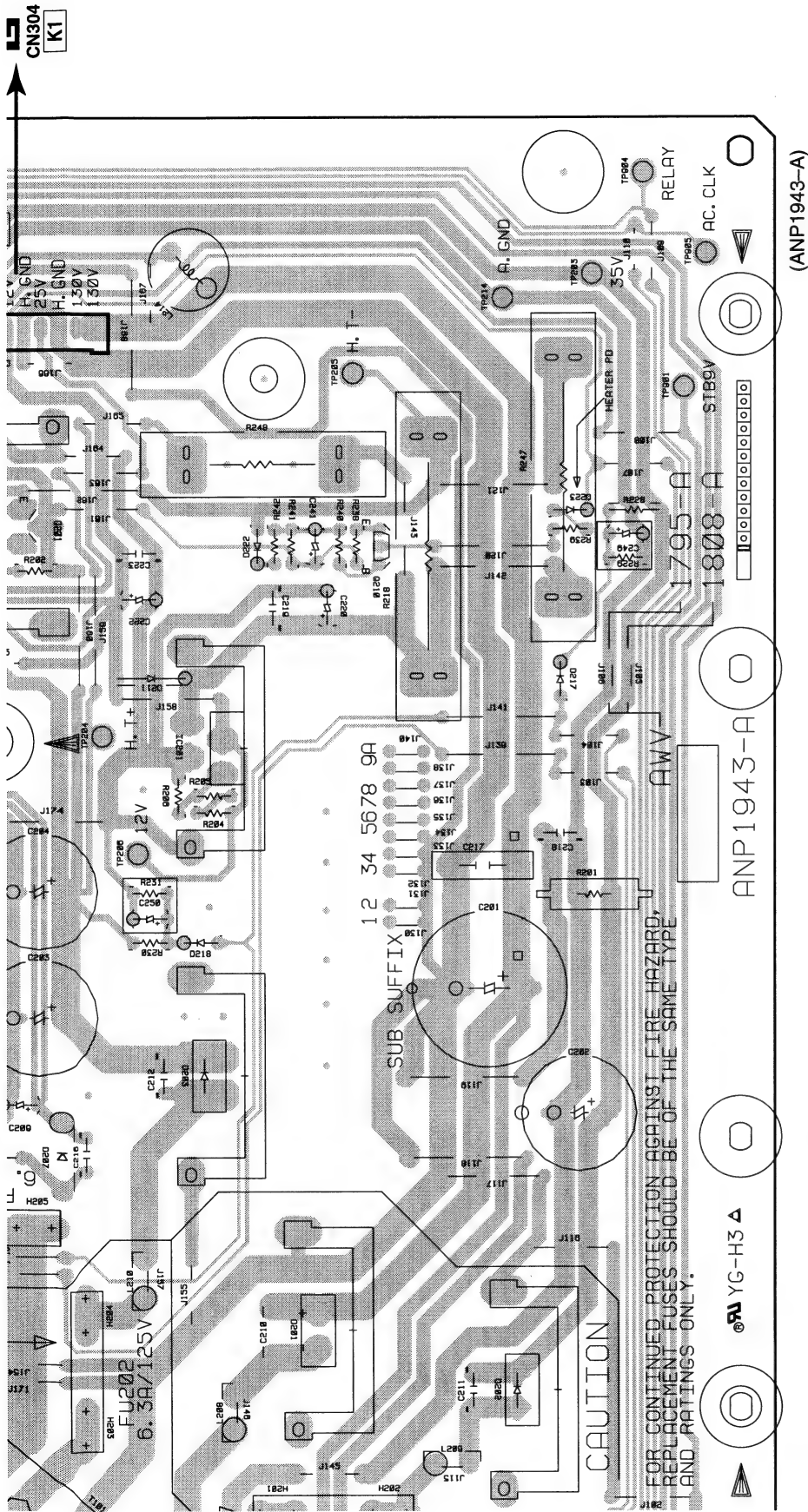
SIDE A

P-a P-b

172

P-b



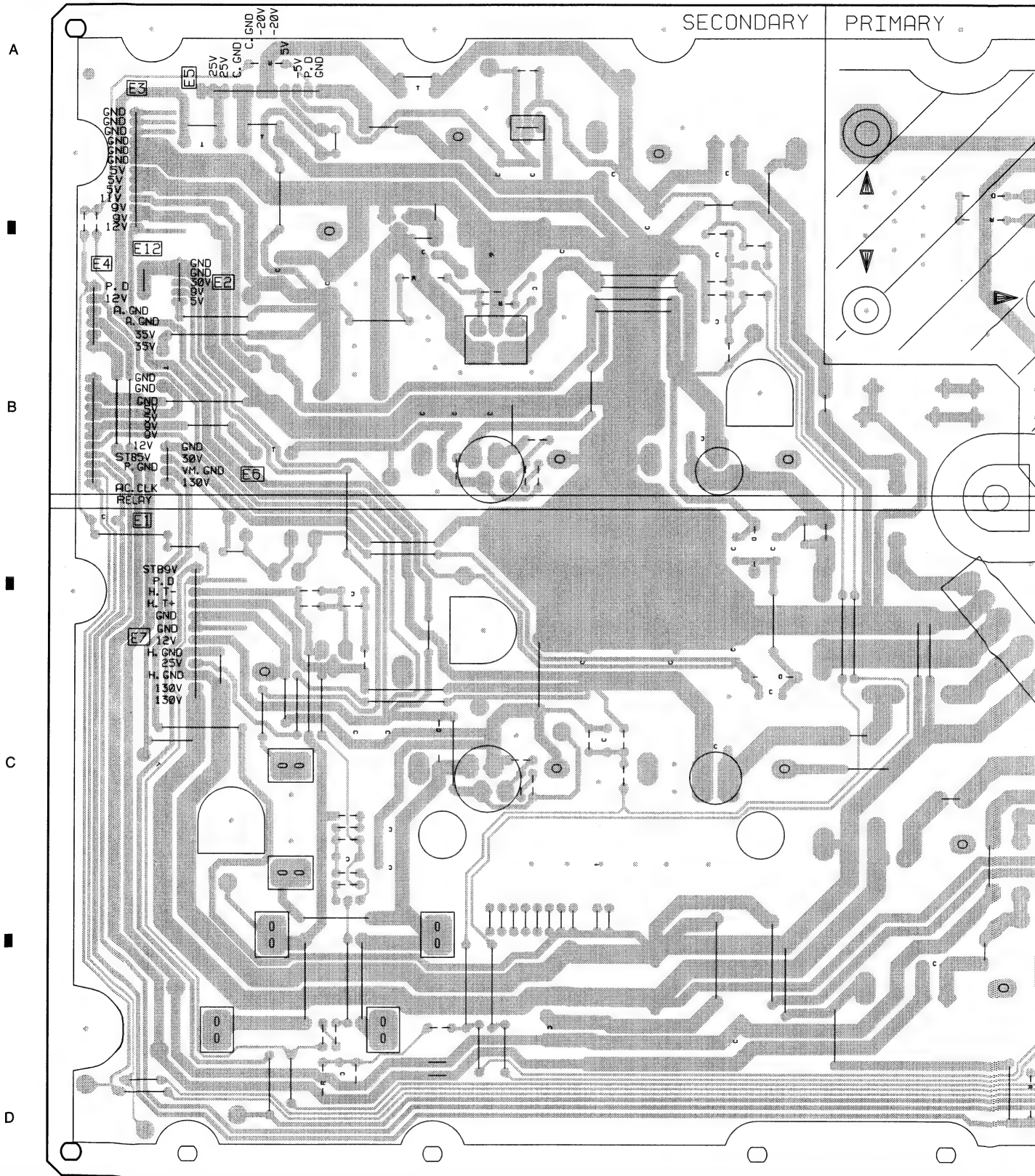


P-a P-b

P-b

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

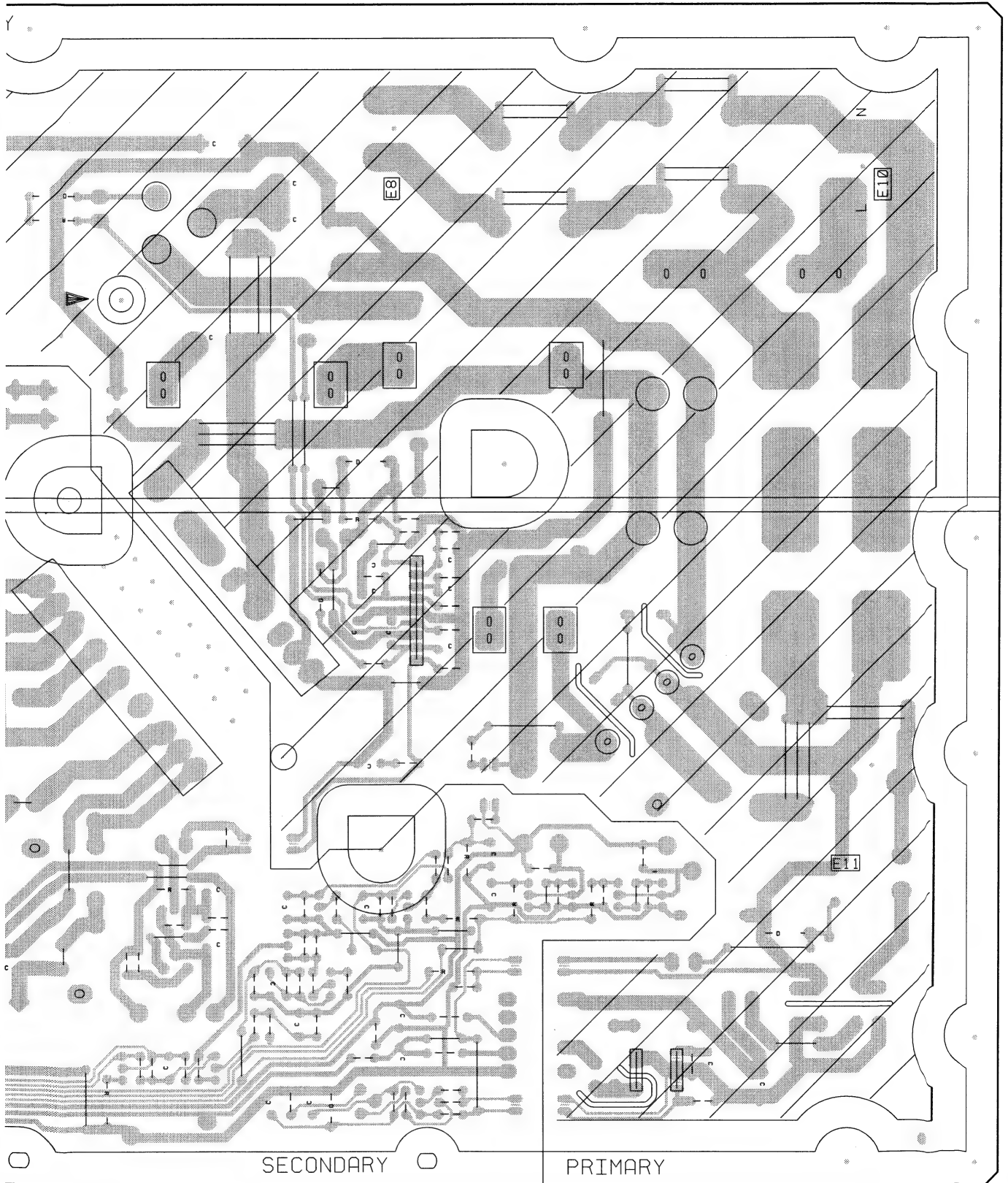
P POWER SUPPLY ASSY



5 6 7 8

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

SIDE B



(ANP:943-A)

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

5. PCB PARTS LIST

NOTES : ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

● The Δ mark found on some component parts indicates the importance of the safety factor of the part.

Therefore, when replacing, be sure to use parts of identical designation.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex. 1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω \rightarrow $56 \times 10^1 \rightarrow 561$ RD1/4PU $\begin{bmatrix} 5 & 6 & 1 \end{bmatrix}$ J

47k Ω \rightarrow $47 \times 10^3 \rightarrow 473$ RD1/4PU $\begin{bmatrix} 4 & 7 & 3 \end{bmatrix}$ J

0.5 Ω \rightarrow R50 RN2H $\begin{bmatrix} R & 5 & 0 \end{bmatrix}$ K

1 Ω \rightarrow 1R0 RS1P $\begin{bmatrix} 1 & R & 0 \end{bmatrix}$ K

Ex. 2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω \rightarrow $562 \times 10^1 \rightarrow 5621$ RN1/4PC $\begin{bmatrix} 5 & 6 & 2 & 1 \end{bmatrix}$ F

● Parts marked by ☆ are important parts which relate in X-rays radiation.

If any of these parts need to be replaced, always replace with specified parts.

● Parts marked by × are important parts which relate in X-rays radiation. If a failure occurs in any of these parts, replace the printed circuit board ASSY where the relevant part has already been adjusted as a working component. Do not replace the actual part itself. If any part marked by × is replaced, there is danger of being exposed to X-rays.

■ LIST OF WHOLE PCB ASSEMBLIES

Mark	Symbol and Description	Part No.				Remarks
		PRO-610HD	PRO-510HD	SD-582HD5	SD-532HD5	
☆	POWER SUPPLY ASSY	AWV1795	AWV1795	AWV1808	AWV1808	
	DEFLECTION SERVICE ASSY	AWV1809	AWV1809	AWV1809	AWV1809	
	AMP ASSY	AWV1797	AWV1797	AWV1797	AWV1797	
	— CONV. AMP ASSY	AWZ6456	AWZ6456	AWZ6456	AWZ6456	
	— R CRT DRIVE ASSY	AWZ6457	AWZ6457	AWZ6457	AWZ6457	
	— G CRT DRIVE ASSY	AWZ6458	AWZ6458	AWZ6458	AWZ6458	
	— B CRT DRIVE ASSY	AWZ6459	AWZ6459	AWZ6459	AWZ6459	
	NSP DIGITAL CONV. ASSY	AWV1798	AWV1798	AWV1803	AWV1803	
	— DIGITAL CONV. ASSY	AWZ6460	AWZ6460	AWZ6460	AWZ6460	
	— CONNECTOR ASSY	AWZ6461	AWZ6461	AWZ6461	AWZ6461	
	— FRONT CONTROL ASSY	AWZ6462	AWZ6462	AWZ6462	AWZ6462	
	— LED DPO ASSY	AWZ6463	AWZ6463	AWZ6470	AWZ6470	
	— BNC ASSY	AWZ6464	AWZ6464	Not used	Not used	
	— SR ASSY	AWZ6465	AWZ6465	AWZ6465	AWZ6465	
	— FRONT INPUT ASSY	AWZ6466	AWZ6466	AWZ6471	AWZ6471	
NSP	— POWER SW ASSY	AWZ6467	AWZ6467	AWZ6467	AWZ6467	
	— RGB SW ASSY	AWZ6468	AWZ6468	AWZ6468	AWZ6468	
	— AUDIO ASSY	AWZ6472	AWZ6472	AWZ6469	AWZ6469	
	VIDEO ASSY	AWV1799	AWV1799	AWV1804	AWV1804	
	SIGNAL ASSY	AWV1800	AWV1800	AWV1805	AWV1805	
	— RF SWITCH	AXF1088	AXF1088	AXF1088	AXF1088	
	— TV FRONT END SYSTEM UNIT	AXF1084	AXF1084	AXF1084	AXF1084	
	SUB VIDEO SERVICE ASSY	AWV1819	AWV1819	Not used	Not used	
	SUB VIDEO ASSY	Not used	Not used	AWV1806	AWV1806	
	AV I/O ASSY	AWV1802	AWV1802	AWV1807	AWV1807	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

■ CONTRAST OF PCB ASSEMBLIES

P POWER SUPPLY ASSY

AWV1795 and AWV1808 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWV1795	AWV1808	
	L105, L106 C120 CN103	ATF1183 ACE1125 AKM1156	Not used Not used Not used	

T LED DPO ASSY

AWZ6463 and AWZ6470 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWZ6463	AWZ6470	
	D5006 Q5004 R5064, R5065 R5066 R5077 R5078	NSPWF50S-8038 2SC2712 RS1/16S223J RS1/10S151J RS1/16S0R0J Not used	Not used Not used Not used Not used Not used RS1/16S0R0J	

R FRONT INPUT ASSY

AWZ6466 and AWZ6471 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWZ6466	AWZ6471	
	R5082 R5083 CN5042 Pin Jack (3P)	RS1/16S0R0J Not used AKB1261	Not used RS1/16S0R0J AKB1284	

A SIGNAL ASSY

AWV1800 and AWV1805 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWV1800	AWV1805	
	A 3/9 R2520 R2521, R2638 R2586-R2588, R2595, R2596, R2688 R2689 CN2452	Not used RS1/16S473J RS1/16S0R0J Not used KM250MA7L	RS1/16S473J Not used Not used RS1/16S0R0J Not used	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

E VIDEO ASSY

AWV1799 and AWV1804 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWV1799	AWV1804	
E 2/2 R5268		RD1/4PU133J	RD1/4PU123J	

G AUDIO ASSY

AWZ6472 and AWZ6469 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWZ6472	AWZ6469	
	IC1203 C1212 C1213 C1214, C1215, C1237, C1246, C1247 C1249, C1255 R1208, R1209 R1210, R1250 R1211, R1214 R1212, R1248 R1213, R1215 R1255, R1271 R1259 R1264, R1280 R1294 R1295	NJM4558MD CEV470M16 CKSRYF103Z50 CEV220M16 CKSRYB682K50 RS1/16S101J RS1/16S333J RS1/16S222J RS1/16S823J RS1/16S623J RS1/16S183J RS1/16S821J RS1/16S103J RS1/16S0R0J Not used	Not used Not used Not used Not used CKSRYB562K50 Not used Not used Not used Not used Not used RS1/16S223J Not used RS1/16S123J Not used RS1/16S0R0J	

■ PCB PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
■ For SD-582HD5 and SD-532HD5					IC3405, IC3406		SAA4955TJ
					IC3403		SAA4977H
					IC3401		SAA4990H
					IC3409		TA78M05F
					IC4806		TA8667F
					IC2205		TC74HC157AF
					IC4803		TC74HC4040AF
					IC4051		TC74HC4053AF
					IC4053, IC4055		TC74HC4066AF
					IC3414, IC4054, IC4056		TC74HC4538AF
					IC4804		TC74HCT74AF
					IC3408		TC7SET04FU
					IC3002		TK15420M
					IC3412, IC3413		UPC29L33T
					IC3410		UPC78L05T
					Q3401		2SA1037K
					Q2202, Q2204, Q2205, Q2207, Q2208		2SA1162
					Q3002, Q3003, Q3016, Q3018, Q3204		2SA1162
	IC3001	AN5344FBP					
	IC4301	AN5395FBP					
	IC3402	CD74HCT4046AM					
	IC4304	CXA1315M					
	IC4802	HG62G010R29FB					
	IC3407	M51952BML					
	IC4052	M52036SP					
	IC3404	MC14011BF					
	IC3003	NJM319M					
	IC2204	PD0264AM					
	IC2201	PD5563					
	IC2203	PST9146N					

H SUB VIDEO ASSY (AWV1806) SEMICONDUCTORS

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
		Q4057, Q4058, Q4062–Q4064	2SA1162			C3435, C4348–C4350	CEV101M16
		Q4071, Q4072, Q4078, Q4081, Q4087	2SA1162			C2222, C2226, C2237, C2239, C3020	CEV101M6R3
		Q4089–Q4091, Q4096, Q4301, Q4302	2SA1162			C3030, C4804, C4817	CEV101M6R3
		Q4306, Q4307, Q4319, Q4328, Q4330	2SA1162			C2234, C3014, C4099, C4377	CEV1R0M50
		Q2201, Q2203, Q2206, Q2209, Q2210	2SC2712			C3221, C3231, C3237–C3239	CEV220M16
		Q3001, Q3008–Q3013, Q3015, Q3017	2SC2712			C4052, C4053	CEV220M16
		Q3201, Q3206, Q3210, Q3211	2SC2712			C3009, C3017	CEV2R2M50
		Q3215–Q3227, Q3402, Q3403	2SC2712			C3005, C3006, C3023, C3028	CEV470M10
		Q4051–Q4056, Q4059–Q4061	2SC2712			C3255, C3256, C4051, C4054	CEV470M10
		Q4065–Q4070, Q4075–Q4077	2SC2712			C4056, C4057, C4059, C4068, C4078	CEV470M10
		Q4079, Q4080, Q4083–Q4086, Q4088	2SC2712			C4080, C4345	CEV470M10
		Q4092–Q4095, Q4097, Q4098, Q4102	2SC2712			C4065, C4092, C4093, C4802, C4832	CEV470M16
		Q4303–Q4305, Q4308–Q4311	2SC2712			C3204, C3207, C3414, C3416, C3418	CEV470M6R3
		Q4321–Q4323, Q4325–Q4327	2SC2712			C3420, C3422, C3424, C3429, C3433	CEV470M6R3
		Q4331, Q4332, Q4807–Q4817	2SC2712			C3458, C3461, C3463, C3464, C4075	CEV470M6R3
		Q4082	2SK209			C4089	CEV470M6R3
		D3001	1SS184			C3406, C4081, C4094–C4097	CEV4R7M35
		D2203, D2206, D2207, D2210–D2212	1SS226			C3024	CEVNP2R2M35
		D2215–D2234, D4056, D4057	1SS226			C3007, C3008	CEVNP33M50
		D4059, D4060	1SS226			C4063	CEVR10M50
		D3402–D3411, D4052–D4054, D4058	1SS352			C3001, C3002	CEVR33M50
		D4802–D4805	1SS352			C2238, C3015	CEVR47M50
		D3401	1SV232			C3012, C4303, C4311, C4319, C4359	CFHSQ103J16
		D2204, D2205	RD6.8MB			C4104	CFHSQ331J50
COILS AND FILTERS						C4103	CFHSQ332J16
		L2203, L4802	ATC1037			C4087, C4102	CFHSQ821J50
		F2201, F3201, F3202, F3402, F3403	ATF1189			C3471, C3472, C4055, C4355–C4358	CKSQYB224K16
		F4302, F4801–F4804	ATF1189			C4829	CKSQYB224K16
		F3404	ATG1061			C4060, C4086	CKSQYB472K50
		DL3001	ATN1040			C4098	CKSQYB561K50
		DL4303	ATN1055			C4830	CKSQYB822K50
		L4310, L4312, L4313	LCTA1R5J3225			C4084	CKSQYF104Z50
		L3201, L3207, L3209	LCTA4R7J3225			C3010, C3011, C4831, C4835	CKSQYF105Z16
		L2201, L3001, L4302, L4311	LCTA5R6J3225			C2224, C2228, C3022, C4323, C4324	CKSRYB102K50
		L4301	LCTA820J3225			C4822	CKSRYB102K50
		L3206	LCTAR56J3225			C2223, C3013, C3016, C3438	CKSRYF103Z50
		L3402–L3425	QTL1013			C4304–C4309, C4312, C4314, C4316	CKSRYF103Z50
CAPACITORS						C4320, C4322, C4343, C4370, C4827	CKSRYF103Z50
		C3019, C3220	CCSQCH100D50			C2209, C2220, C2221, C2225, C2227	CKSRYF104Z16
		C3403, C3404, C4082, C4365–C4367	CCSQCH101J50			C2236, C3003, C3004, C3018, C3025	CKSRYF104Z16
		C2211, C3401	CCSQCH120J50			C3027, C3029, C3208, C3209	CKSRYF104Z16
		C2207, C2208	CCSQCH150J50			C3242–C3247, C3405, C3411–C3413	CKSRYF104Z16
		C3407, C3410, C3468, C3469	CCSQCH151J50			C3415, C3417, C3419, C3421, C3423	CKSRYF104Z16
		C4376	CCSQCH180J50			C3425–C3428, C3430–C3432, C3434	CKSRYF104Z16
		C2205, C2241, C4823, C4828	CCSQCH221J50			C3436, C3437, C3439–C3457, C3460	CKSRYF104Z16
		C4369	CCSQCH270J50			C3462, C3465, C3466, C3473, C4058	CKSRYF104Z16
		C3257	CCSQCH330J50			C4061, C4066, C4069, C4074, C4077	CKSRYF104Z16
		C3402	CCSQCH331J50			C4079, C4083, C4088, C4091, C4317	CKSRYF104Z16
		C2210, C3202, C3203, C3228, C3229	CCSQCH390J50			C4321, C4340, C4344, C4346, C4801	CKSRYF104Z16
		C3233, C3234	CCSQCH390J50			C4803, C4810, C4816, C4818, C4819	CKSRYF104Z16
		C4310	CCSQCH470J50			C4821, C4833, C4834, C4836, C4837	CKSRYF104Z16
		C3201, C3227, C3232	CCSQCH4R0C50	RESISTORS			
		C4302, C4347	CCSQCH560J50			R2269, R2275	DCN1092
		C2206, C3408, C4062, C4064	CCSQCH561J50			R4193	RS1/16S1001F
		C3409	CCSQCH680J50			R4219	RS1/16S2001F
		C3026, C3031, C4067, C4101, C4315	CEV100M16			R4871	RS1/16S3302F
						R4175, R4870	RS1/16S8802F

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	R3430		RS2LMF8R2J
	R3433		RS3LMF120J
	VR3003 (1 k Ω)		ACP1089
	VR4052 (2.2 k Ω)		ACP1090
	VR3004 (4.7 k Ω)		ACP1091
	Other Resistors		RS1/16S $\square\square\square$ J

OTHERS

CN3002	PLUG 50-P	AKM1126
CN3001	PLUG 44-P	AKM1155
K3001-K3003, K3204-K3209		AKX9002
K3401-K3415, K4301-K4304		AKX9002
X2202	CERAMIC RESONATOR	ASS1015
CN2202	PLUG 6-P	KM250MA6L

B AV I/O ASSY (AWV1807)

SEMICONDUCTORS

IC6001	CXA2069Q
Q6012, Q6022, Q6024, Q6025, Q6034	2SA1162
Q6036-Q6038, Q6201, Q6216-Q6218	2SA1162
Q6001, Q6002, Q6005-Q6007	2SC2712
Q6010, Q6011, Q6021, Q6023	2SC2712
Q6027-Q6033, Q6035, Q6039-Q6048	2SC2712
Q6202-Q6204	2SC2712
D6040	1SS184
D6001-D6022, D6024, D6028, D6029	1SS226
D6032, D6034, D6036, D6209, D6210	1SS226
D6023, D6030, D6031, D6037-D6039	1SS352
D6201-D6203, D6213	1SS352
D6204	RD6.8MB
D6214	UDZS6.2B

CAPACITORS

C6006, C6049, C6052, C6068, C6081	CEV100M16
C6086	CEV100M16
C6047	CEV101M6R3
C6074	CEV102M6R3
C6013, C6014, C6026, C6027	CEV10M50
C6031, C6032, C6036, C6037	CEV10M50
C6041-C6043, C6065, C6066, C6078	CEV10M50
C6015-C6017, C6024, C6028, C6029	CEV220M16
C6033, C6034, C6051, C6064, C6070	CEV220M16
C6083, C6088	CEV220M16
C6001, C6004, C6018, C6020	CEV470M16
C6059, C6060, C6085, C6214, C6216	CEV470M16
C6204	CEV470M6R3
C6007, C6050, C6053, C6069, C6082	CEV47M35
C6087	CEV47M35
C6067, C6077	CEVR47M50
C6002, C6003, C6011, C6012	CKSQYF105Z16
C6202	CKSQYF472Z50
C6075, C6076	CKSRYB332K50
C6005, C6008, C6021-C6023	CKSRYF103Z50
C6038-C6040, C6048, C6054-C6058	CKSRYF103Z50
C6063, C6071, C6084, C6089, C6201	CKSRYF103Z50
C6203, C6215	CKSRYF103Z50
C6019, C6025, C6030, C6035	CKSRYF104Z16

Mark	No.	Description	Part No.
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RESISTORS

R6183	RD1/2LMF1R0J
R6182	RD1/4LMF3R9J
R6279-R6281, R6297	RS1/16S0R0J
R6106, R6123, R6126, R6136, R6144	RS1/16S101J
R6147, R6207, R6213, R6269	RS1/16S101J

R6271-R6273	RS1/16S101J
R6040, R6118, R6130, R6143, R6154	RS1/16S102J
R6163, R6174, R6201, R6205, R6277	RS1/16S102J
R6005, R6105, R6116, R6120, R6152	RS1/16S103J
R6156, R6161, R6165, R6172, R6176	RS1/16S103J

R6202, R6209, R6268, R6270	RS1/16S103J
R6004, R6006, R6036, R6114, R6127	RS1/16S104J
R6150, R6159, R6170	RS1/16S104J
R6054, R6125	RS1/16S152J
R6104, R6276	RS1/16S153J

R6137, R6139	RS1/16S183J
R6011, R6013, R6020-R6026	RS1/16S221J
R6029-R6033, R6037, R6052, R6053	RS1/16S221J
R6067, R6074, R6085, R6086, R6115	RS1/16S221J
R6124, R6138, R6140-R6142, R6145	RS1/16S221J

R6151, R6160, R6171	RS1/16S221J
R6009, R6010, R6041, R6075-R6080	RS1/16S222J
R6112, R6113, R6131, R6146	RS1/16S222J
R6121, R6122, R6132-R6135	RS1/16S223J
R6157, R6158, R6166, R6167	RS1/16S223J

R6177, R6178, R6204, R6206	RS1/16S223J
R6210-R6212	RS1/16S223J
R6203	RS1/16S224J
R6059, R6068, R6208	RS1/16S332J
R6119, R6155, R6164, R6175	RS1/16S472J

R6184, R6185, R6274	RS1/16S472J
R6001, R6002, R6062, R6063	RS1/16S474J
R6069, R6070, R6179, R6180	RS1/16S474J
R6102, R6103	RS1/16S560J
R6039, R6117, R6129, R6153, R6162	RS1/16S562J

R6173	RS1/16S562J
R6012, R6014-R6017, R6019	RS1/16S622J
R6027, R6028, R6081-R6084	RS1/16S622J
R6110, R6111	RS1/16S622J
R6038, R6128	RS1/16S682J

R6055, R6057	RS1/16S683J
R6018, R6060, R6061, R6064-R6066	RS1/16S750J
R6071-R6073, R6181, R6186-R6188	RS1/16S750J
R6215-R6220	RS1/16S750J
R6148, R6149, R6194	RS1/16S821J

R6056, R6058	RS1/16S823J
R6193	RS1/16S911J
Other Resistors	RS1/10S $\square\square\square$ J

OTHERS

CN6001	PIN JACK (6P) WITH SIN	AKB1285
CN6002	PIN JACK (6P) WITH SIN	AKB1286
CN6203	PIN JACK (6P)	AKB1287
CN6205	PLUG 50-P	AKM1126
JA6201, JA6206	JACK	AKN1071
CN6006	L-PLUG (10P)	KM250MA10L
CN6202	PLUG 3-P	KM250MA3LB
CN6204	PLUG 3-P	KM250MA3LR

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
■ For PRO-610HD and PRO-510HD				CAPACITORS			
P POWER SUPPLY ASSY				C113, C114, C242, C243		ACE1105	
SEMICONDUCTORS				C115, C120-C122		ACE1125	
⚠	IC101		AN8029	C906		ACE1138	
	IC204		MC33167TV	C905		ACE1144	
	IC901		MIP0253SP	C210 (100 pF)		ACG-032	
	IC203		NJM79M05FA	C116, C117, C914, C915		ACG-501	
	IC102, IC902, IC903		ON3171	C125 (3300 pF)		ACG1008	
				C111, C112, C126 (4700 pF)		ACG1028	
				C201		ACH1146	
				C101, C102		ACH1148	
	IC103		PC817CD				
	IC201, IC202		PQ30RV11 (A)	C205		ACH1304	
	Q206, Q207, Q210, Q906		2SA933S	C215, C216		CCCSL101K2H	
	Q205, Q901-Q905, Q907		2SC1740S	C211-C214		CCCSL221K2H	
	Q202		2SC2705	C209		CEHAT100M2A	
				C208, C220, C234, C236, C241		CEHAT100M50	
	Q201		2SD1276A				
⚠	Q101		2SK1544	C912		CEHAT100M50	
	D102, D206, D207		10DF2	C107, C222, C229		CEHAT101M25	
	D210-D213, D215-D219		1SS254	C226		CEHAT102M16	
	D223, D224, D226, D227		1SS254	C108, C231, C909		CEHAT10R0M50	
				C110		CEHAT220M50	
	D229, D230, D908, D910-D914		1SS254				
	D915		BR3371XJ30A	C202		CEHAT222M50	
	D101		D15XB60H	C908		CEHAT331M10	
	D906, D907		D1NS4	C245, C907		CEHAT331M16	
	D201		D3L60	C203, C204, C207		CEHAT332M35	
				C235, C910, C911, C913		CEHAT470M25	
	D905		ERB06-15				
	D909		HZS2BLL	C901		CEHAT470M2D	
	D228		HZS4BLL	C247		CEHAT472M10	
	D209		HZS6A1L	C218, C246, C902		CFTXA104J50	
	D222		HZS6B1L	C251		CFTXA553J50	
				C103		CKCYB561K50	
	D214		HZS6C2L				
	D105, D110		MA723	C217		CKCYE103P2H	
	D103		MTZJ24	C109, C219, C223, C224		CKCYF103Z50	
	D104		MTZJ27B	C227, C228, C230, C237, C238		CKCYF103Z50	
	D111		RD12ESB	C244		CKCYF473Z50	
				C232, C916		CQMA104J50	
	D106-D109		RD5.1ESB				
	D901		S1WB (A) 60B	C104		CQMA102J50	
	D208		SF5SC3L	C106		CQMA473J50	
	D204		YG802C06R	C105		CQMA822J50	
	D202, D203, D205		YG911S2R				
COILS AND FILTERS				RESISTORS			
	L103-L106		ATF1183	R102, R901		ACN1123	
	L201, L202, L214, L217, L218		ATH-059	R120, R123 (2.2 MΩ)		BCN102	
	L215, L216		ATH1046	R106		RD1/2M1F100J	
	L213		ATH1102	R903		RD1/4M1F103J	
	L902		ATX1008	R112		RD1/4M1F681J	
	L101, L102		ATX1021	R906		RN1/4P01501F	
	L901		LAU2R2J	R207		RN1/4P01502F	
TRANSFORMERS				R216		RN1/4P01503F	
	T901		ATK1133	R212, R213		RN1/4P01603F	
	T101		ATK1135	R208, R907		RN1/4P01801F	
SWITCHES AND RELAYS							
	RY101, RY102		ASR1049	R209		RN1/4P02701F	
				R204		RN1/4P02702F	
				R205, R206		RN1/4P03301F	
				R214		RN1/4P03901F	
				R217		RN1/4P05801F	

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	R117		RS1MMF151J	⚠	Q753, Q754		2SC4686A
	R104, R105		RS1MMF333J		Q809		2SC4793
	R103		RS1MMF473J	⚠	Q612		2SC5043
	R210		RS2MMF223J	⚠	Q309		2SC5046
	R219, R249		RS2MMF3R3J		Q324, Q613		2SC5197
	R201		RS2MMF472J		Q610		2SD1276A
	R246, R251		RS2MMF821J		D302, D304, D601		10DF2
	R109-R111		RS2MMFR22J		D305-D314, D322, D603		1SS254
	R252		RS3LMF4R7J		D608, D609, D611, D614, D615		1SS254
	R121, R122, R218, R247		RT10PZ120K		D621, D625, D751-D757		1SS254
	R101		RT5PZ1R8K	⚠	D622, D623		2NU41
	R248		RT7PZ120K		D321		BR3371XJ30A
	VR201, VR901		VRTHS6VS102	⚠	D318		DD52RC
	Other Resistors		RD1/4PU □□□J		D328, D329, D343, D610		ERA22-02
					D613		ERB06-15

OTHERS

	8008	SCREW	ABZ30P100FMC		D303, D602		ERB93-02L3
	8001	SPACER	AEB1243	⚠	D316, D317		ERD07-15
⚠	FU101	FUSE (10A)	AEK1069		D801, D802		MTZJ39
	CN901	PLUG 2-P	AKM1127		D315, D327, D604-D607		RD12ESB
	CN101, CN103	PLUG2-P	AKM1156		D344, D624		RD5.1ESB1
	H201-H208		AKR1003		D612		RD7.5ESB2
	H101, H102	FUSE HOLDER	AKR1007		D627		RD9.1ESB1
	8004	SCREW	BBZ30P080FCU		D803-D806		S5688G
	8009	SCREW	BBZ30P080FZK				
	CN205	PLUG 10-P	KM250MA10				
	CN207	PLUG 12-P	KM250MA12				
	CN212	PLUG 3-P	KM250MA3	⚠	SG751		AEX1024
	CN206	PLUG 4-P	KM250MA4	⚠	L307, L308		ATH-059
	CN204	PLUG 6-P	KM250MA6	⚠	T301		ATK1126
	8000	SCREW	PBZ30P100FMC	⚠ ×	T302, T602		ATK1127
					T601		ATK1136
	8010	SCREW	PMB30P100FMC		L303-L306, L309, L601-L603		ATX1008
	8003	SCREW	PMZ30P100FZK		L310, L605		LTA152J
⚠	FU201	FUSE (4A)	REK1082				
⚠	FU204	FUSE (5A)	REK1083				
⚠	FU202, FU203	FUSE (6.3A)	REK1085				

COILS AND FILTERS

	SG751		AEX1024
	L307, L308		ATH-059
⚠	T301		ATK1126
⚠	T302, T602		ATK1127
⚠ ×	T601		ATK1136
	L303-L306, L309, L601-L603		ATX1008
	L310, L605		LTA152J

CAPACITORS

⚠	C325 (100 pF)		ACG-032
	C754, C755 (4700 pF)		ACG1028
	C636		ACH-372
⚠	C324, C604 (10 μF/160V)		ACH1117
	C331, C335, C358, C606, C802		CCCSL101J50
	C336, C612		CCCSL101K2H
	C820-C822		CCCSL220J50
	C815		CCCSL221J50
	C326, C342		CCCSL470J50
	C304		CEANP2R2M50
	C806, C807		CEAT101M25
	C817		CEAT470M50
	C334		CEHAQ1R0M2C
	C353, C616		CEHAT100M2D
	C619, C621, C752		CEHAT100M50
	C308, C337, C349, C355, C608		CEHAT101M25
	C330, C605		CEHAT101M50
	C359		CEHAT102M35
	C357, C633		CEHAT1R0M50
	C620, C809, C818		CEHAT220M2D
	C635		CEHAT220M50
	C618		CEHAT220M63
	C328, C624, C625		CEHAT221M25
	C332, C613		CEHAT330M35
	C313		CEHAT331M16

DEFLECTION SERVICE ASSY

SEMICONDUCTORS

	IC303, IC601		NJM4558DXP
⚠	IC301		TA8638N
	Q315, Q316, Q604, Q605, Q804		2SA1145
	Q806		2SA1145
	Q808		2SA1837
	Q302, Q306, Q311, Q313, Q319		2SA933S
	Q321, Q322, Q326		2SA933S
×	Q607, Q608		2SA933S
	Q751, Q801		2SA933S
	Q301, Q304, Q305, Q307, Q310		2SC1740S
	Q312, Q318, Q320, Q327, Q602		2SC1740S
	Q614, Q752, Q802		2SC1740S
	Q314, Q317, Q603, Q606, Q803		2SC2705
	Q805, Q807		2SC2705
	Q308, Q601		2SC3332
	Q609		2SC3468

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C810		CEHAT3R3M2C		R419		RN1/4PC1202F
	C623, C751		CEHAT470M25	×	R639		RN1/4PC1202F
	C351, C352, C360, C361		CEHAT471M16		R318		RN1/4PC1203F
	C634		CEHAT4R7M2E		R302		RN1/4PC1303F
	C309, C341, C343		CEHAT4R7M50		R372		RN1/4PC1503F
⚠	C601, C602		CFPHW182H3D		R753		RN1/4PC2202F
⚠	C320		CFPHW332H3D		R327		RN1/4PC2702F
⚠	C321		CFPHW472H3D		R752		RN1/4PC3302F
⚠	C319, C322		CFPMW334J2G		R783		RN1/4PC3601F
	C323, C603		CFTXA105J50		R755		RN1/4PC4701F
	C312		CFTXA224J50		R754		RN1/4PC56R0F
	C329		CFTXA683J50		R373, R421		RN1/4PC6801F
	C311		CKCYB102K50	×	R640		RN1/4PC6801F
	C303		CKCYB103K50		R782		RN1/4PC7501F
	C607		CKCYB222K50	×	R644		RN1/4PC7502F
	C628		CKCYB332K2H		R301, R647		RN1/4PC8201F
	C327, C611		CKCYB561K50		R338, R604		RS1MMF100J
	C627		CKCYB682K50		R809, R810		RS1MMF472J
	C637, C814, C819		CKCYE103P2H		R658, R659		RS2MMF101J
	C615		CKCYE222P2H		R336, R337, R339, R602, R603		RS2MMF1R0J
	C315-C318, C333, C338-C340		CKCYF103Z50		R621, R622		RS2MMF1R8J
	C350, C356, C609, C610, C614		CKCYF103Z50		R333, R601		RS2MMF222J
	C617, C622, C626, C629, C753		CKCYF103Z50		R819-R821		RS2MMF271J
	C801, C803, C808		CKCYF103Z50		R358, R359		RS2MMF2R2J
	C804, C805, C816		CKCYF473Z50		R355		RS2MMF390J
	C813		CQMA104K2E		R660		RS2MMFR56J
	C307		CQMA471J50		R822, R825, R831		RS3LMF471J
	C811, C812		CQMA472K2E	⚠	R392		RT5PZ51K
	C302		CQMA561J50	×	VR601		VRTHS6VS102
	C305		CQMA682J50		VR301		VRTHS6VS222
	C301		CQPA102J2A	×	VR602		VRTHS6VS223
	C314		CQPA333J2A		VR603		VRTHS6VS223
	C306		CQPA821J2A		VR302		VRTHS6VS473
				×	R637, R638		RD1/4PI102J
				×	R642		RD1/4PI821J
				×	R643		RD1/4PI822J
					Other Resistors		RD1/4PI □□□J
RESISTORS				OTHERS			
	R769		ACN1011		J602	H.V.RETURN WIRE	ADX248
	R661 (27 Ω)		ACN1136		J601	1P READ WIRE	ADX249
	R826		RD1/2MMF100J		J603	HV CABLE (400)	ADY104
	R815		RD1/2MMF332J		301, 309, 601	ISOLATION SHEET	AEB135
	R770, R772-R776		RD1/2PM114J		602	NYLON BINDER	AEC-09
	R631		RD1/2PM122J	⚠	CN301-CN303	PLUG 3-P	AKM105
	R365		RD1/2PM153J		CN751	PLUG 3-P	AKM105
	R648		RD1/2PM154J		305, 607	SCREW	BBZ30PI30FCU
	R771, R777-R781		RD1/2PM184J		CN304	PLUG 12-P	KM250MA 12
	R366, R618, R649		RD1/2PM223J		CN305	PLUG 12-P	KM250MA 13
	R757-R768		RD1/2PM224J		CN309	PLUG 4-P	KM250MA 4
	R813, R814		RD1/2PM270J		CN307	PLUG 5-P	KM250MA 5
	R801		RD1/2PM272J		CN308	PLUG 6-P	KM250MA 6
	R823, R824		RD1/2PM2R2J		CN306	PLUG 6-P	KM250MA 6R
	R628		RD1/2PM333J		CN801	PLUG 9-P	KM250MA 9
⚠	R617		RD1/2PM563J		304, 605	SCREW	PMB30PI 60FZK
⚠	R395, R634		RD1/4LMF100J		306, 604, 606, 752, 802	SCREW	PMZ30PI 00FZK
	R635		RD1/4MUF100J		608	SCREW	VPZ40PI 20FMC
	R827, R828		RD1/4MUF560J				
⚠	R629, R630		RN1/2PC3902F				
	R328		RN1/4PC1002F				
	R646, R650		RN1/4PC1003F				
×	R645		RN1/4PC1003F				

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
K CONV. AMP ASSY			
SEMICONDUCTORS			
	IC1002		CA0007AD
	IC1004, IC1005		M5220P
	IC1003		PA0053B
	IC901, IC903		STK392-110
	IC1001		TC4052BP
	Q902, Q905, Q908, Q909, Q917		2SA933S
	Q914		2SB950A
	Q901, Q903, Q906, Q907		2SC1740S
	Q910-Q912, Q915, Q916		2SC1740S
	Q904, Q918		2SC2878
	Q913		2SD1276A
	D1014, D1015, D907-D911		1SS254
	D921, D922, D924		1SS254
	D923		BR3371XJ30A
	D1001-D1013		RD12ESB
	D901-D906, D915-D920		S5688G
COILS AND FILTERS			
	L901, L902		ATH-059
	L903, L904		ATX1008
CAPACITORS			
	C1001, C1022, C1023, C1025, C1041		CCCSL101J50
	C909, C911, C912		CCCSL151J50
	C917-C919, C934-C936		CCCSL220J50
	C905		CEANP101M25
	C953		CEAT100M50
	C1013-C1017, C1019, C1029, C1030		CEAT101M10
	C1035		CEAT101M10
	C906		CEAT101M25
	C1039		CEAT220M50
	C1036, C1037		CEAT330M16
	C1038		CEAT470M10
	C1004, C945		CEAT470M25
	C921, C922, C938, C939		CEHAT102M25
	C920, C923, C937		CEHAT102M35
	C952		CEHAT221M25
	C908		CEHAT221M35
	C949		CEHAT332M25
	C948		CEHAT332M35
	C940		CEHAT471M35
	C1040		CFTYA184J50
	C1028, C1034		CFTYA224J50
	C910, C913, C950		CKCYB102K50
	C924-C926, C941-C943		CKCYB331K50
	C914-C916, C931-C933		CKCYB681K50
	C1002, C1003, C1005-C1012, C1018		CKCYF103Z50
	C1020, C1021, C1026, C1027		CKCYF103Z50
	C1031-C1033, C901-C904, C907		CKCYF103Z50
	C927-C930, C944, C946, C947		CKCYF103Z50
	C951, C954-C957		CKCYF103Z50

Mark	No.	Description	Part No.
RESISTORS			
	R933, R955		RD1/2MMF470J
	R934, R940-R942, R956		RS1MMF470J
	R922		RS1MMF562J
	R935, R936, R957, R958		RS1MMFR47J
	R927-R929, R978-R980		RS2MMF121J
	R985		RS2MMF1R2J
	R960, R961		RS2MMF1R5J
	R930, R931, R981-R983		RS2MMF221J
	R976, R977		RS2MMF2R2J
	R914, R988		RS2MMFR47J
	R937, R938, R959		RS3LMF1R5J
	R932		RS3LMF221J
	R998		RS3LMFR68J
	R939		RS3LMFR82J
	Other Resistors		RD1/4PU □□□J
OTHERS			
	903	SCREW	BBZ30P080FCU
	CN905	PLUG 10-P	KM200IA10
	CN904	16P PLUG	KM200IA16
	CN901	PLUG 6-P	KM250MA6
	CN903	PLUG 6-P	KM250MA6B
	CN902	PLUG 6-P	KM250MA6R
	901	SCREW	PMB30P160FZK
	902	SCREW	PMZ30P100FZK
M R CRT DRIVE ASSY			
SEMICONDUCTORS			
	IC5101		TDA6120Q
	Q5101		2SC1740S
	D5101-D5106		S5688G
COILS AND FILTERS			
	SG5101, SG5102		AEX1024
	L5102		LAU2R2J
	L5101		LAU3R3J
	L5103		LTA562J
CAPACITORS			
	C5108 (1000 pF)		ACG1001
	C5107, C5114 (22 μF/250V)		ACH1318
	C5103		CCCSL120J50
	C5101		CCCSL390J50
	C5102		CCCSL7R0D50
	C5110		CEAT101M25
	C5109		CEAT222M16
	C5111, C5113		CKCYE103P2H
	C5104, C5106		CKCYF103Z50
RESISTORS			
	R5115 (47 Ω)		ACN1129
	R5116 (220 Ω)		ACN1131
	R5118 (470 Ω)		ACN1133
	R5117		RD1/2LMF100J
	R5101		RS1MMF6R8J

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	R5112-R5114		RS3LMF822J
	VR5101		VRTHS6VS222
	Other Resistors		RD1/4PU □□□J

OTHERS

5104	CRT SOCKET	AKG1006
5107, 5108	SCREW	BBZ30P080FCU
5103-5106	SCREW	BPZ30P100FZK
CN5105	PLUG 3-P	KM250MA3
CN5106	PLUG 3-P	KM250MA3R
CN5102	PLUG 5-P	KM250MA5B
CN5101	PLUG 5-P	KM250MA5R
5101, 5102	SCREW	PMB30P160FZK

N G CRT DRIVE ASSY SEMICONDUCTORS

IC5151	TDA6120Q
Q5151	2SC1740S
D5151-D5156	S5688G

COILS AND FILTERS

SG5151, SG5152	AEX1024
L5152	LAU2R2J
L5151	LAU3R3J
L5153	LTA562J

CAPACITORS

C5158 (1000 pF)	ACG1001
C5157, C5164 (22 μ F/250V)	ACH1318
C5153	CCCSL120J50
C5151	CCCSL560J50
C5152	CCCSL7R0D50

C5160	CEAT101M25
C5159	CEAT222M16
C5161, C5163	CKCYE103P2H
C5154, C5156, C5165	CKCYF103Z50

RESISTORS

R5164 (47 Ω)	ACN1129
R5165 (220 Ω)	ACN1131
R5168 (470 Ω)	ACN1133
R5167	RD1/2LMF100J
R5151	RS1MMF6R8J

R5161-R5163	RS3LMF822J
VR5151	VRTHS6VS222
Other Resistors	RD1/4PU □□□J

OTHERS

J5152	LEAD WITH HOUSING	ADX2493
5154	CRT SOCKET	AKG1006
5157, 5158	SCREW	BBZ30P080FCU
5153-5156	SCREW	BPZ30P100FZK
CN5156	PLUG 3-P	KM250MA3
CN5157	PLUG 3-P	KM250MA3B
CN5151	PLUG 5-P	KM250MA5
5151, 5152	SCREW	PMB30P160FZK

Mark	No.	Description	Part No.
O	B CRT DRIVE ASSY SEMICONDUCTORS		

IC5201	TDA6120Q
Q5201	2SC1740S
D5201-D5206	S5688G

COILS AND FILTERS

SG5201, SG5202	AEX1024
L5202	LAU1R0J
L5201	LAU4R7J
L5203	LTA562J

CAPACITORS

C5208 (1000 pF)	ACG1001
C5207, C5214 (22 μ F/250V)	ACH1318
C5201-C5203	CCCSL220J50
C5210	CEAT101M25
C5209	CEAT222M16

C5211, C5213	CKCYE103P2H
C5204, C5206	CKCYF103Z50

RESISTORS

R5214 (47 Ω)	ACN1129
R5215 (220 Ω)	ACN1131
R5218 (470 Ω)	ACN1133
R5217	RD1/2LMF100J
R5201	RS1MMF6R8J

R5211-R5213	RS3LMF822J
VR5201	VRTHS6VS222
Other Resistors	RD1/4PU □□□J

OTHERS

J5203	LEAD WITH HOUSING	ADX2493
5204	CRT SOCKET	AKG1006
5207, 5208	SCREW	BBZ30P080FCU
5203-5206	SCREW	BPZ30P100FZK
CN5206	PLUG 3-P	KM250MA3

CN5207	PLUG 3-P	KM250MA3B
CN5201	PLUG 5-P	KM250MA5B
5201, 5202	SCREW	PMB30P160FZK

I DIGITAL CONV. ASSY SEMICONDUCTORS

IC1656	24LC08B (I) P
IC1410	24LC128 (I) P
IC1401	CM0006CF
IC1420	M51952BML
IC1655	MC14066BF

IC1411, IC1419	NJM4558MD
IC1652	PD5564
IC1653	PST9146N
IC1409	TC74HC14AF
IC1654	TC74HC157AF

IC1421	TC74HC4053AF
IC1651	TC74HC4538AF
IC1402	TLC2932IPW

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	IC1412-IC1418		UPC4570G2
	IC1403-IC1408		UPD6376GS
	Q1401, Q1651		2SC2712
	Q1403, Q1652		2SJ461
	D1409		1SS181
	D1677		1SS184
	D1401-D1407, D1651, D1654-D1657		1SS226
	D1661-D1665, D1667-D1670		1SS226
	D1673-D1676		1SS226
	D1652, D1666		RD6.8MB

COILS AND FILTERS

L1651	ATC1037
F1401-F1403	ATF1189
L1402	ATH1046
L1401, L1403, L1405, L1407, L1409 (470 μ H)	ATH1097
L1411, L1413 (470 μ H)	ATH1097
L1415-L1420, L1424, L1425	QTL1013
L1428, L1429, L1432, L1433	QTL1013
L1436, L1437	QTL1013

CAPACITORS

C1401, C1405, C1421, C1425, C1426	CCSQCH100D50
C1430, C1431, C1435, C1436	CCSQCH100D50
C1440, C1441, C1445, C1446, C1450	CCSQCH100D50
C1540, C1542, C1544, C1546	CCSQCH101J50
C1659, C1660	CCSQCH150J50
C1434	CCSQCH181J50
C1671	CCSQCH221J50
C1451	CCSQCH471J50
C1539	CCSQSL220J50
C1551	CEAT102M6R3
C1655	CEV101M6R3
C1672	CEV1R0M50
C1415	CEV2R2M50
C1406, C1408, C1411, C1413, C1429	CEV470M6R3
C1458, C1461, C1467, C1470, C1473	CEV470M6R3
C1475, C1483, C1485, C1497, C1498	CEV470M6R3
C1500, C1505, C1506, C1508	CEV470M6R3
C1510, C1511, C1515, C1516, C1518	CEV470M6R3
C1520, C1521, C1525, C1526, C1530	CEV470M6R3
C1532, C1535, C1536, C1538, C1541	CEV470M6R3
C1543, C1545, C1548, C1652, C1661	CEV470M6R3
C1665, C1669	CEV470M6R3
C1453	CEVNP4R7M16
C1456	CEVR22M50
C1454	CFHSQ103J16
C1402, C1422, C1427, C1432, C1437	CFHSQ471J50
C1442, C1447	CFHSQ471J50
C1403, C1423, C1428, C1433, C1438	CFHSQ472J16
C1443, C1448	CFHSQ472J16
C1654, C1673	CFHSQ561J50
C1452	CFHSQ821J50
C1680	CKCYF103Z50
C1658, C1663, C1664	CKSRYB102K50
C1667	CKSRYB561K50
C1404, C1407, C1409, C1410, C1412	CKSRYF103Z50

Mark	No.	Description	Part No.
	C1414, C1416-C1418, C1420, C1424		CKSRYF103Z50
	C1455, C1457, C1459, C1460, C1463		CKSRYF103Z50
	C1465, C1466, C1468, C1469		CKSRYF103Z50
	C1471, C1472, C1474, C1476		CKSRYF103Z50
	C1478, C1479, C1481, C1482, C1484		CKSRYF103Z50
	C1486, C1488, C1489, C1491, C1492		CKSRYF103Z50
	C1494, C1496, C1499, C1501, C1502		CKSRYF103Z50
	C1504, C1507, C1509, C1512, C1514		CKSRYF103Z50
	C1517, C1519, C1522, C1524		CKSRYF103Z50
	C1527, C1528, C1534, C1537		CKSRYF103Z50
	C1549, C1550, C1651, C1653		CKSRYF103Z50
	C1656, C1657, C1662, C1666, C1670		CKSRYF103Z50
	C1668		CKSRYF104Z16

RESISTORS

R1731	RD1/4LMF2R7J
R1404, R1412, R1416, R1419, R1424	RS1/16S1002F
R1428, R1431, R1436, R1440	RS1/16S1002F
R1454-R1456	RS1/16S1002F
R1520, R1522, R1524, R1526, R1528	RS1/16S2402F
R1530	RS1/16S2402F
R1655	RS1/16S3901F
R1401, R1514-R1518	RS1/16S4302F
Other Resistors	RS1/16S □□□ J

OTHERS

202, 203	CABLE HOLDER	AKT1011
X1651	CERAMIC RESONATOR	ASS1015
CN1655	CONNECTOR	B12B-PH-SM3
CN1654	CONNECTOR	B8B-PH-SM3
CN1651	PLUG 10-P	KM250MA10
CN1652	PLUG 6-P	KM250MA6
CN1653	PLUG 7-P	KM250MA7

J CONNECTOR ASSY

OTHERS

1801, 1802	CABLE HOLDER	AKT1011
J1801, J1802	JUMPER WIRE	D15A13-100-
2651		
CN1803	10P SOCKET	KP200IA10L
CN1804	16P SOCKET	KP200IA16L

S FRONT CONTROL ASSY

SWITCHES AND RELAYS

S5001-S5008	ASG1034
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CAPACITORS

C5003	CEV101M6R3
C5004, C5005	CKSRYF103Z50

RESISTORS

R5014	RS1/16S101J
R5012, R5019	RS1/16S102J
R5015	RS1/16S181J
R5018	RS1/16S222J
R5016	RS1/16S301J

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	R5013		RS1/16S470J
	R5017		RS1/16S561J
	R5020		RS1/16S622J

OTHERS

J5001	7P HOUSING WIRE	ADX2500
CN5001	PLUG 8-P	KM250MA8

T LED DPO ASSY

SEMICONDUCTORS

Q5001, Q5005	2SA1162
Q5002, Q5004	2SC2712
D5002	1SS181
D5007	AEL1177
D5006	NSPWF50S-8038

D5008	SLR-56PC (LMN)
PC5001	P1241-09

CAPACITORS

C5001	CEV100M16
C5002	CEV330M25

RESISTORS

R5001	RD1/2LMF820J
R5072, R5073, R5077	RS1/16S0R0J
R5011	RS1/16S102J
R5035, R5036	RS1/16S103J
R5005	RS1/16S152J

R5064, R5065	RS1/16S223J
R5007	RS1/16S273J
R5010	RS1/16S334J
R5002, R5003	RS1/16S473J
R5008	RS1/16S562J

R5004	RS1/2S821J
VR5001	VRTS6VS473
Other Resistors	RS1/10S □ □ □ J

OTHERS

5001	DPO HOLDER	AMR2294
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C BNC ASSY

OTHERS

J5025	3P HOUSING WIRE	ADX2494
CN5022	CONNECTOR	AKX1002
5021	SCREW TERMINAL	VNE1949

D SR ASSY

CAPACITORS

C5072	CCSQCH121J50
C5071	CEV101M6R3

Mark	No.	Description	Part No.
RESISTORS			
	R5080		RS1/16S0R0J
	R5071		RS1/16S102J

OTHERS

CN5071	PLUG 3-P	KM250MA3B
	REMOTE RECEIVER UNIT	GP1U28X

R FRONT INPUT ASSY

SEMICONDUCTORS

Q5041, Q5042	2SC2712
D5041, D5042	RD15MB

CAPACITORS

C5043, C5044	CEV1R0M50
C5041	CEV470M16
C5042, C5045	CKSRYF103Z50

RESISTORS

R5043	RD1/4LMF101J
R5082	RS1/16S0R0J
R5054, R5055	RS1/16S222J
R5046, R5049-R5051	RS1/16S473J
R5047, R5048	RS1/16S474J

R5041, R5044, R5045	RS1/16S750J
Other Resistors	RS1/10S □ □ □ J

OTHERS

CN5042	PIN JACK (3P) WITH SIN	AKB1261
CN5041	PLUG 12-P	KM250MA 13

Q POWER SW ASSY

SWITCHES AND RELAYS

S5081	ASG1084
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OTHERS

CN5081	PLUG 2-P	AKM1127
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F RGB SW ASSY

SWITCHES AND RELAYS

S5091	ASH1029
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RESISTORS

R5096	RS1/16S101J
R5091-R5095	RS1/16S750J

OTHERS

CN5092	15PD-SUB SOCKET	AKP1195
CN5091	8P PLUG	KM250NA 8L

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
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G AUDIO ASSY SEMICONDUCTORS

IC1202	LA4280-P
IC1203-IC1205	NJM4558MD
IC1201	UPC1853CT-01
Q1206	2SA1162
Q1201-Q1203, Q1207, Q1210-Q1213	2SC2712
Q1208, Q1209	2SC4213
D1205	1SS226

CAPACITORS

C1239 (470 μ F/10V)	ACH1334
C1242, C1243	CCSQCH151J50
C1245	CEHAT102M50
C1228, C1229	CEHV2R2M50
C1204	CEV1R0M50
C1205, C1214, C1215, C1237	CEV220M16
C1246, C1247	CEV220M16
C1234	CEV221M35
C1202, C1203	CEV2R2M50
C1235, C1236	CEV330M25
C1206, C1207	CEV3R3M50
C1208, C1212, C1263, C1267	CEV470M16
C1240, C1241	CEVR47M50
C1218, C1221	CFHS223J16
C1210, C1211, C1244	CFHSP104J16
C1201	CFHSP823J16
C1219	CFHSQ102J50
C1217	CFHSQ222J50
C1223	CFHSQ681J50
C1220, C1222	CFHSQ682J16
C1216, C1230, C1231, C1233	CFTYA104J50
C1250, C1256	CKSQYB183K50
C1264, C1265	CKSRYB102K50
C1248, C1254	CKSRYB152K50
C1251, C1257	CKSRYB332K50
C1249, C1255	CKSRYB682K50
C1209, C1213, C1226, C1227, C1232	CKSRYF103Z50
C1262, C1266	CKSRYF103Z50

RESISTORS

R1245	RS1/2S561J
R1228, R1229	RD1/4LMF2R2J
R1291	RD1/4LMF3R9J
Other Resistors	RS1/16S $\square\square\square$ J

OTHERS

1201	ISOLATION SHEET	AEB1359
1202	PLATE SPRING	ANG1569
1201	SCREW	BBZ30P080FCU
CN1201	11P SOCKET	KP200IA11L
CN1202	12P SOCKET	KP200IA12L

Mark	No.	Description	Part No.
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E VIDEO ASSY SEMICONDUCTORS

IC5254	CXA1315P
IC5602	PQ30RV11 (A)
IC5601	PQ3RF23
IC5251	TA1276AN
IC5256	TC74HC4053AP
IC5252	TC74HC4538AP
Q5251-Q5255, Q5260-Q5264, Q5266	2SA933S
Q5268, Q5270, Q5276, Q5277	2SA933S
Q5285-Q5287, Q5290, Q5301	2SA933S
Q5305, Q5306, Q5318, Q5323	2SA933S
Q5331-Q5333, Q5341, Q5601, Q5602	2SA933S
Q5606-Q5608, Q5611, Q5621, Q5622	2SA933S
Q5257, Q5259, Q5265, Q5272-Q5275	2SC1740S
Q5278-Q5281, Q5288, Q5289, Q5302	2SC1740S
Q5307-Q5310, Q5319, Q5320	2SC1740S
Q5328-Q5330, Q5340, Q5342	2SC1740S
Q5603-Q5605, Q5609	2SC1740S
Q5613-Q5620	2SC1740S
Q5267, Q5269, Q5271	2SC2235
D5251-D5283, D5293-D5297	1SS254
D5308-D5310, D5314-D5319	1SS254
D5329-D5338, D5340-D5347	1SS254
D5349-D5362, D5601	1SS254
D5603-D5605, D5608-D5620	1SS254
D5298-D5306, D5320-D5328	MTZJ11
D5284-D5292	S5688G

COILS AND FILTERS

L5601-L5603, L5605	ATH-059
L5251	LAU100J
L5253	LAU1R0J
L5252	LAU4R7J

CAPACITORS

C5259	CCCCH271J50
C5298, C5299	CCCCH7R0D50
C5332, C5629-C5631	CCCSL150J50
C5296	CCCSL151J50
C5322, C5334	CCCSL180J50
C5288	CCCSL220J50
C5295	CCCSL2R0C50
C5605	CCCSL330J50
C5287	CCCSL560J50
C5269, C5281, C5282, C5297, C5321	CEAT100M50
C5336, C5619	CEAT100M50
C5251, C5255, C5312, C5324, C5340	CEAT101M10
C5601, C5602, C5622	CEAT101M10
C5309, C5604	CEAT101M16
C5610, C5612	CEAT102M16
C5616, C5617	CEAT102M25
C5274, C5284	CEAT1R0M50
C5301, C5331	CEAT220M50
C5270	CEAT221M10
C5319	CEAT221M16
C5607, C5608, C5623	CEAT222M10
C5272, C5283	CEAT2R2M50

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	C5292		CEAT470M16
	C5613		CEAT471M16
	C5261		CEAT471M6R3
	C5285		CEAT4R7M50
	C5257, C5258, C5271, C5273		CEATR10M50
	C5286		CEATR47M50
	C5252-C5254, C5256, C5262, C5278		CKCYF103Z50
	C5293, C5294, C5310, C5311		CKCYF103Z50
	C5316-C5318, C5325, C5339, C5341		CKCYF103Z50
	C5603, C5624-C5628		CKCYF103Z50
	C5263-C5268, C5275-C5277		CQMA104J50
	C5323		CQPA103J2A
	C5300		CQPA223J2A
	C5260		CQPA271J2A

RESISTORS

R5326, R5331, R5336	RD1/2PM100J
R5285-R5287	RD1/2PM101J
R5656, R5657	RD1/2PM152J
R5323, R5328, R5333	RD1/2PM821J
R5317, R5319, R5321	RD1/2PM8R2J
R5309	RN1/4PC1002F
R5310	RN1/4PC1102F
R5346, R5587	RN1/4PC1201F
R5297	RN1/4PC1202F
R5586	RN1/4PC1300F
R5303	RN1/4PC1501F
R5345, R5644	RN1/4PC1502F
R5711	RN1/4PC1801F
R5353	RN1/4PC2002F
R5298	RN1/4PC2201F
R5307	RN1/4PC2700F
R5344, R5643	RN1/4PC2701F
R5295, R5296, R5304, R5347	RN1/4PC3301F
R5469, R5470	RN1/4PC3301F
R5349, R5354	RN1/4PC3302F
R5311	RN1/4PC4702F
R5343	RN1/4PC5101F
R5306, R5308	RN1/4PC5601F
R5302, R5305	RN1/4PC7500F
R5294, R5300	RN1/4PC8200F
R5348	RN1/4PC9102F
R5645, R5646	RS2MMF1R0J
R5663, R5712	RS3LMFR22J
VR5251, VR5252 (22 kΩ)	ACP1072
Other Resistors	RD1/4PU □□□ J

OTHERS

CN5601, CN5603, CN5604	AKP1161
SOCKET 50-P	
CN5602, CN5605	AKP1186
SOCKET 44-P	
KN5601-KN5604	ANK-142
GROUND PLATE	
CN5607	KM200IA11
CN5609	KM200IA12
11P PLUG	
12P PLUG	
CN5255	KM250MA11
CN5251	KM250MA15
CN5252	KM250MA3
CN5611	KM250MA4
CN5610	KM250MA6
PLUG 11-P	
PLUG 15-P	
PLUG 3-P	
PLUG 4-P	
PLUG 6-P	

Mark	No.	Description	Part No.
	CN5606	8P SOCKET	KP250NA8
	5602, 5604	SCREW	PMZ30P100FZK

A SIGNAL ASSY SEMICONDUCTORS

IC2452	M38869FFAHP
IC2454	24LC32A (I) P
IC7703	CM0010AF
IC6305	CXA1315M
IC2701	CXA2094Q
IC7002	HY514264BJC-50A
IC7704	KIA431F
IC7702	LC32V4265JL-25S
IC7003	MB40C568HPFV
IC2451, IC2702	MC14066BF
IC7501	ML6420CS-3
IC7006	ML6428CS-1
IC7301, IC7304	MM1031XM
IC7103, IC7303, IC7305, IC7306	NJM2233BM
IC7503	NJM2283M
IC2703, IC2801, IC7004, IC7308, IC7701	PQ20VZ1U
IC2453	PST9146N
IC7101, IC7300	TA1270AF
IC6301-IC6304	TC74HC4053AF
IC7505	TC74HC4066AF
IC7504	TC74HC4538AF
IC7307	TC90A45F
IC7102, IC7302, IC7502	TK15420M
IC7001	UPD64081BGF-3BA
Q2452, Q2454, Q2701, Q2706, Q2713	2SA1162
Q2715, Q2804, Q2805, Q6301	2SA1162
Q6303, Q6304, Q6306, Q6308, Q6310	2SA1162
Q6313-Q6322, Q6324, Q6325, Q6361	2SA1162
Q6363, Q7002, Q7003, Q7005, Q7006	2SA1162
Q7009, Q7108, Q7118-Q7124, Q7311	2SA1162
Q7316, Q7318, Q7319, Q7323-Q7325	2SA1162
Q7528	2SA1162
Q2453, Q2455-Q2457, Q2459-Q2464	2SC2712
Q2702-Q2705, Q2707, Q2708, Q2711	2SC2712
Q2714, Q2801-Q2803, Q2806	2SC2712
Q2808-Q2810, Q6328-Q6360, Q6362	2SC2712
Q7001, Q7004, Q7007, Q7008	2SC2712
Q7010, Q7011, Q7013-Q7015	2SC2712
Q7101-Q7105, Q7107, Q7111	2SC2712
Q7113-Q7117, Q7125, Q7128	2SC2712
Q7300, Q7301, Q7303, Q7304, Q7309	2SC2712
Q7312-Q7315, Q7317, Q7320	2SC2712
Q7501, Q7502, Q7505, Q7507-Q7527	2SC2712
Q7529, Q7530	2SC2712
Q2451, Q6302, Q6305, Q6307, Q6309	2SC4213
Q6311, Q6312, Q6323, Q6326, Q6327	2SC4213
Q7307, Q7308, Q7310	2SC4213
Q2458	2SJ461
Q7012	2SK209
D2454, D2455, D2490	1SS184
D2456, D2457, D2460-D2469	1SS226

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	D2475-D2484, D2486, D2488		1SS226		C7508, C7509, C7522, C7525, C7559		CEV100M16
	D2703-D2707, D2801, D2802, D2805		1SS226		C7725-C7730, C7760		CEV100M16
	D6301-D6309, D6316-D6320		1SS226		C2738, C2746, C2818, C2821		CEV100M50
	D2451-D2453, D2458, D2459, D2485		1SS352		C2454, C2462, C2467, C2473, C7027		CEV101M6R3
	D2489, D6310, D6313, D7001, D7504		1SS352		C7029, C7039, C7515, C7704-C7706		CEV101M6R3
	D7300, D7301, D7501-D7503		RD10MB		C7755		CEV101M6R3
	D2487		RD6.8MB		C7105		CEV102M6R3
	D2709, D2804		UDZ33B		C2705, C2709, C7052, C7054, C7055		CEV1R0M50
COILS AND FILTERS					C7341, C7343, C7358		CEV1R0M50
	L2457		ATF-163		C2476, C6301-C6306, C6308-C6310		CEV220M16
	F7001, F7002, F7004, F7701-F7704		ATF1189		C6312-C6317, C6322-C6324		CEV220M16
	DL7101		ATN1054		C6368-C6370, C7133-C7135		CEV220M16
	L2451, L2452		ATX1035		C7337-C7339		CEV220M16
	L7008, L7011, L7102, L7504		LCTA100J3225		C2735, C2814, C7034, C7036, C7038		CEV221M10
					C7511		CEV221M10
	L7302		LCTA101J3225		C7103, C7104, C7302, C7303		CEV2R2M50
	L7103, L7306		LCTA120J3225		C2453, C2717, C6320, C6332, C6339		CEV470M16
	L7101		LCTA121J3225		C6355, C6357, C6363-C6365, C7053		CEV470M16
	L7009, L7012		LCTA150J3225		C7128, C7130, C7141, C7143, C7332		CEV470M16
	L6302, L7010, L7106, L7303-L7305		LCTA220J3225		C7335, C7336, C7529		CEV470M16
	L7505		LCTA220J3225		C2455, C7025, C7061, C7147, C7304		CEV470M6R3
	L2701-L2705, L2801-L2804		LCTA2R2J3225		C7342, C7349, C7351, C7501, C7510		CEV470M6R3
	L7104		LCTA3R9J3225		C7518, C7519, C7546, C7548, C7716		CEV470M6R3
	L7001		LCTA4R7J3225		C7723, C7732, C7734		CEV470M6R3
	L7105, L7107, L7300, L7307, L7506		LCTA5R6J3225		C2720, C2721, C2723, C2801, C2808		CEV471M10
	L7002, L7003, L7005-L7007		QTL1013		C2810		CEV471M10
	L7705, L7706		QTL1013		C2451, C2452, C2701, C2706, C2707		CEV4R7M35
CAPACITORS					C2714-C2716, C2718, C2750, C2751		CEV4R7M35
	C7114, C7317 (0.47 μ F/16V)		ACE1130		C6326, C6349		CEV4R7M35
	C7140, C7340, C7361, C7363		CCSQCH120J50		C7101, C7300		CEVR22M50
	C7051, C7062, C7136, C7138, C7554		CCSQCH121J50		C2708		CFHS123J16
	C7060		CCSQCH150J50		C7107, C7307		CFHS223J16
	C7355, C7357		CCSQCH181J50		C2712		CFHS473J16
	C7362, C7364		CCSQCH270J50		C7106, C7108-C7113, C7306		CFHSP104J16
	C7139		CCSQCH331J50		C7311-C7316		CFHSP104J16
	C2727, C2811, C6373, C6374		CCSQCH470J50		C2713		CFHSQ272J50
	C7014		CCSQCH471J50		C2711		CKSQYB562K50
	C7137		CCSQCH680J50		C2719, C2722, C2724, C2726		CKSQYF103Z50
	C7365, C7370		CCSQCJ3R0C50		C2730, C2731, C2734, C2736, C2739		CKSQYF103Z50
	C7102, C7301		CCSQSL222J50		C2745, C2805, C2806, C2809		CKSQYF103Z50
	C7008		CCSQSL391J50		C2816, C2817, C2819, C7348, C7350		CKSQYF103Z50
	C7057, C7063		CCSRCH100D50		C7352-C7354, C7359, C7360		CKSQYF103Z50
	C2732, C2822, C7033, C7520, C7521		CCSRCH101J50		C7366-C7369, C7371		CKSQYF103Z50
	C7523, C7524, C7526, C7527, C7553		CCSRCH101J50		C7745-C7753, C7761-C7763, C7769		CKSQYF105Z16
	C7555, C7556		CCSRCH101J50		C7772		CKSQYF105Z16
	C7002, C7003		CCSRCH180J50		C7754		CKSQYF224Z25
	C7047, C7050, C7146, C7550		CCSRCH220J50		C2459, C2464, C2728, C2748, C2807		CKSRYB102K50
	C7059, C7145, C7356, C7372, C7532		CCSRCH330J50		C2812		CKSRYB102K50
	C7535, C7551, C7552		CCSRCH330J50		C2457, C2458, C2460, C2463, C2465		CKSRYB103K50
	C7058, C7064		CCSRCH560J50		C6307, C6311, C6318, C6321		CKSRYB103K50
	C7512		CCSRCH680J50		C6328-C6331, C6333, C6335-C6338		CKSRYB103K50
	C2478		CEAT222M10		C6340, C6342-C6347, C6351-C6353		CKSRYB103K50
	C2479		CEAT222M16		C6356, C6358-C6362, C6366, C6367		CKSRYB103K50
	C2702, C2703, C2725, C2729, C2737		CEV100M16		C7012, C7148, C7305, C7766		CKSRYB103K50
	C2740, C2741, C2747, C2802-C2804		CEV100M16		C7756, C7758		CKSRYB152K50
	C2815, C6325, C6348, C7010		CEV100M16		C7765		CKSRYB683K16
	C7125, C7126, C7329, C7330		CEV100M16		C2456, C2461, C2468-C2472, C2474		CKSRYF104Z16
	C7344-C7347, C7504-C7506		CEV100M16				

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	C2477, C2480, C7001, C7004-C7007 C7009, C7011, C7013, C7015-C7024 C7026, C7028, C7030-C7032, C7035		CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16
	C7037, C7041, C7046, C7048, C7049 C7056, C7116, C7117, C7120, C7124 C7127, C7129, C7142, C7144, C7323 C7327, C7331, C7333, C7502, C7503 C7507, C7514, C7528, C7545, C7547		CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16
	C7557, C7558, C7701-C7703 C7707-C7715, C7717-C7722, C7724 C7731, C7733, C7735-C7744 C7767, C7768, C7770, C7771 C7764		CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16 CKSRYF104Z16 CKSRYF473Z50
	C2710 C2704		CSZS3R3K20 CSZSC100K25

RESISTORS

R7710-R7713 (22 k Ω \times 4)	ACN7073
R2475, R2481-R2485, R2487 (100 Ω \times 4)	DCN1092
R2498, R2499, R7714-R7720 (100 Ω \times 4)	DCN1092
R2763, R2830	RD1/2LMF271J
R2764, R2837	RS1/16S1001F
R7730	RS1/16S1002F
R7029, R7424, R7701	RS1/16S1101F
R7729	RS1/16S1502F
R7030, R7046, R7702	RS1/16S1801F
R7047	RS1/16S2701F
R7423	RS1/16S3301F
R2771, R2834	RS1/16S6201F
VR2701, VR2801 (470 Ω)	ACP1088
Other Resistors	RS1/16S $\square\square\square\square$ J

OTHERS

2704, 2705	PULG CORD	ADE1171
J2703	10P HOUSING WIRE	ADX2496
J2451	3P HOUSING WIRE	ADX2499
J2701	3P HOUSING WIRE	ADX2567
CN2454	PLUG 50-P	AKM1126
CN7501	PLUG 44-P	AKM1155
K7503-K7506, K7509-K7514, K7706		AKX9002
K7709-K7712		AKX9002
X2451	CERAMIC RESONATOR	ASS1015
X7102, X7301	CERAMIC RESONATOR	ASS1019
X7101, X7300 (3.58 MHz)		ASS1138
X7001 (20 MHz)		ASS1143
CN2457	L-PLUG (8P)	KM250MA8L
CN2451	L-PLUG (8P)	KM250MA8LR
CN2458	PH CONNECTER (SMT)	S12B-PH-SM3
CN2455	CONNECTOR	S3B-PH-SM3
CN2701	CONNECTOR	S5B-PH-SM3
CN2453	CONNECTOR	S8B-PH-SM3

RF SWITCH

RF SWITCH has no service part.

Mark	No.	Description	Part No.
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TV FRONT END SYSTEM UNIT

TV FRONT END SYSTEM UNIT has no service part.

SUB VIDEO SERVICE ASSY SEMICONDUCTORS

IC4001	AD8057ART
IC3001	AN5344FBP
IC4301	AN5395FBP
IC4304	CXA1315M
IC3201	CXA3106Q
IC3203	CXD2303AQ
IC3601, IC3604	EM636327Q-8
IC4802	HG62G010R29FB
IC4052	M52036SP
IC3602	MB40958PFQ
IC3003	NJM319M
IC2204	PD0264AM
IC3801	PD3420A8
IC2201	PD5563
IC3401	PE5066A
IC3501	PE5067A
IC2203	PST9148N
IC3206	TA78M05F
IC4806	TA8667F
IC2205	TC74HC157AF
IC4803	TC74HC4040AF
IC4051	TC74HC4053AF
IC4053, IC4055	TC74HC4066AF
IC4054, IC4056	TC74HC4538AF
IC4804	TC74HCT74AF
IC3204	TC74LCK541FT
IC3502, IC3503	TC7SET04FU
IC3209, IC3802	TC7SET08FU
IC3002	TK15420M
Q2202, Q2204, Q2205, Q2207, Q2208	2SA1162
Q3002, Q3003, Q3016, Q3018	2SA1162
Q3604-Q3606, Q4003, Q4005	2SA1162
Q4057, Q4058, Q4062-Q4064	2SA1162
Q4071, Q4072, Q4078, Q4081, Q4087	2SA1162
Q4089-Q4091, Q4096, Q4301, Q4302	2SA1162
Q4306, Q4307, Q4319, Q4328, Q4330	2SA1162
Q4001, Q4007	2SA1669
Q2201, Q2203, Q2206, Q2209, Q2210	2SC2712
Q3001, Q3008-Q3013, Q3015, Q3017	2SC2712
Q3201-Q3213, Q3601-Q3603, Q4002	2SC2712
Q4004, Q4006, Q4008, Q4051-Q4056	2SC2712
Q4059-Q4061, Q4065-Q4070	2SC2712
Q4075-Q4077, Q4079, Q4080	2SC2712
Q4083-Q4086, Q4088, Q4092-Q4095	2SC2712
Q4097, Q4098, Q4102, Q4303-Q4305	2SC2712
Q4308-Q4311, Q4321-Q4323	2SC2712
Q4325-Q4327, Q4331, Q4332	2SC2712
Q4807-Q4817	2SC2712
Q4082	2SK209
D3001	1SS184

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	D2203, D2206, D2207, D2210–D2212		1SS226		C3241, C3244, C3250–C3252, C3254		CEV470M6R3
	D2215–D2234, D4056, D4057		1SS226		C3256, C3601, C3602, C3617		CEV470M6R3
	D4059, D4060		1SS226		C3623, C3624, C3643, C3644, C4075		CEV470M6R3
	D3201, D4052–D4054, D4058		1SS352		C4089		CEV470M6R3
	D4802–D4805		1SS352		C4081, C4094–C4097		CEV4R7M35
	D2204, D2205		RD6.8MB		C3024		CEVNP2R2M35
COILS AND FILTERS					C3007, C3008		CEVNPR33M50
	L2203, L4802		ATC1037		C4063		CEVR10M50
	F2201, F3202, F3203, F3401, F3801		ATF1189		C3001, C3002		CEVR33M50
	F4302, F4801–F4804		ATF1189		C2238, C3015		CEVR47M50
	DL3001		ATN1040		C3012, C4303, C4311, C4319, C4359		CFHSQ103J16
	DL4303		ATN1055		C4104		CFHSQ331J50
	L3601, L3603, L3605		LCTA1R2J3225		C4103		CFHSQ332J16
	L4310, L4312		LCTA1R5J3225		C4087, C4102		CFHSQ821J50
	L3602, L3604, L3606		LCTA2R2J3225		C4055, C4355–C4358, C4829		CKSQYB224K16
	L3202, L3205, L3207		LCTA4R7J3225		C4060, C4086		CKSQYB472K50
	L2201, L3001, L3201, L3203, L3204		LCTA5R6J3225		C4098		CKSQYB561K50
	L3206, L4302, L4311		LCTA5R6J3225		C4830		CKSQYB822K50
	L4301		LCTA820J3225		C4084		CKSQYF104Z50
CAPACITORS					C3010, C3011, C4831, C4835		CKSQYF105Z16
	C3205, C3207 (0.47 μ F/16V)		ACE1130		C2224, C2228, C3022, C4323, C4324		CKSRYB102K50
	C3019, C3265, C3654		CCSQCH100D50		C4822		CKSRYB102K50
	C3204, C3264, C3645–C3647, C4082		CCSQCH101J50		C2223, C3013, C3016, C3210–C3215		CKSRYF103Z50
	C4365–C4367		CCSQCH101J50		C3641, C4304–C4309, C4312, C4314		CKSRYF103Z50
	C2211		CCSQCH120J50		C4316, C4320, C4322, C4343, C4370		CKSRYF103Z50
	C2207, C2208		CCSQCH150J50		C4827		CKSRYF103Z50
	C3655, C3656		CCSQCH180J50		C2209, C2220, C2221, C2225, C2227		CKSRYF104Z16
	C2205, C2241, C4823, C4828		CCSQCH221J50		C2236, C3003, C3004, C3018, C3025		CKSRYF104Z16
	C4369		CCSQCH270J50		C3027, C3029, C3201, C3216–C3218		CKSRYF104Z16
	C3243, C3247, C3266, C3269		CCSQCH330J50		C3221–C3223, C3225–C3232, C3234		CKSRYF104Z16
	C3245, C3267, C3270		CCSQCH331J50		C3238, C3240, C3242, C3248, C3249		CKSRYF104Z16
	C2210		CCSQCH390J50		C3255, C3257, C3263, C3276		CKSRYF104Z16
	C3246, C3268, C3271, C4310		CCSQCH470J50		C3403–C3415, C3502–C3505		CKSRYF104Z16
	C3620, C3648, C3649, C4302, C4347		CCSQCH560J50		C3507–C3519, C3603–C3615		CKSRYF104Z16
	C2206, C4062, C4064		CCSQCH561J50		C3621, C3622, C3625–C3639, C3642		CKSRYF104Z16
	C3202		CCSQSL222J50		C3803–C3805, C3816, C3818, C4001		CKSRYF104Z16
	C3416, C3520, C3616, C3618, C3619		CCSRCH220J50		C4058, C4061, C4066, C4069, C4074		CKSRYF104Z16
	C3817		CCSRCH220J50		C4077, C4079, C4083, C4088, C4091		CKSRYF104Z16
	C3814, C3815		CCSRCH7R0D50		C4317, C4321, C4340, C4344, C4346		CKSRYF104Z16
	C3026, C3031, C3219, C3239, C4067		CEV100M16		C4801, C4803, C4810, C4816		CKSRYF104Z16
	C4101, C4315		CEV100M16		C4818, C4819, C4821, C4833, C4834		CKSRYF104Z16
	C4348–C4350		CEV101M16		C4836, C4837		CKSRYF104Z16
	C2222, C2226, C2237, C2239, C3020		CEV101M6R3		C3206, C3261		CKSRYF223Z50
	C3030, C3401, C3501, C3506		CEV101M6R3	RESISTORS			
	C3801, C3802, C4804, C4817		CEV101M6R3		R3521, R3522, R3801, R3808		DCN1090
	C2234, C3014, C3640, C4099, C4377		CEV1R0M50		R3819–R3821, R3826, R3831		DCN1090
	C4052, C4053		CEV220M16		R2269, R2275		DCN1092
	C3009, C3017		CEV2R2M50		R3809, R3810		DCN1100
	C3005, C3006, C3023, C3028		CEV470M10		R3291, R4022, R4193		RS1/16S1001F
	C4004, C4005, C4051, C4054		CEV470M10		R4008, R4012		RS1/16S1202F
	C4056, C4057, C4059, C4068, C4078		CEV470M10		R3207, R3290		RS1/16S1601F
	C4080, C4345		CEV470M10		R4004, R4010, R4219		RS1/16S2001F
	C4002, C4003, C4065, C4092, C4093		CEV470M16		R4002, R4021		RS1/16S2002F
	C4802, C4832		CEV470M16		R4009		RS1/16S3001F
	C3208, C3209, C3220, C3224, C3233		CEV470M6R3		R3206		RS1/16S3301F
					R4871		RS1/16S3302F

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	R4175, R4870		RS1/16S6802F
	R3261		RS3LMF330J
	VR3003 (1 kΩ)		ACP1089
	VR4052 (2.2 kΩ)		ACP1090
	VR3004 (4.7 kΩ)		ACP1091
	Other Resistors		RS1/16S□□□J

OTHERS

CN3002	PLUG 50-P	AKM1126
CN3001	PLUG 44-P	AKM1155
K3001-K3003, K3201, K3202		AKX9002
K3501-K3514, K3801-K3826		AKX9002
K4301-K4304		AKX9002
X2202	CERAMIC RESONATOR	ASS1015
X3801 (20.0 MHz)		ASS1147
CN2202	PLUG 6-P	KM250MA6L

B AV I/O ASSY (AWV1802)

SEMICONDUCTORS

IC6001	CXA2069Q
IC6201, IC6202	MC14066BF
Q6004, Q6012, Q6014, Q6015, Q6019	2SA1162
Q6022, Q6024, Q6025, Q6034	2SA1162
Q6036-Q6038, Q6201, Q6206, Q6212	2SA1162
Q6214, Q6216-Q6218	2SA1162
Q6001-Q6003, Q6005-Q6011, Q6013	2SC2712
Q6016-Q6018, Q6020, Q6021, Q6023	2SC2712
Q6027-Q6033, Q6035, Q6039-Q6048	2SC2712
Q6202-Q6205, Q6207-Q6211, Q6213	2SC2712
Q6215	2SC2712
D6040, D6041, D6207	1SS184
D6001-D6022, D6024, D6027-D6029	1SS226
D6032, D6034, D6036, D6208-D6212	1SS226
D6023, D6030, D6031, D6037-D6039	1SS352
D6201-D6203, D6213	1SS352
D6204	RD6.8MB
D6214	UDZS6.2B

CAPACITORS

C6006, C6049, C6052, C6068, C6081	CEV100M16
C6086	CEV100M16
C6047	CEV101M6R3
C6073, C6074	CEV102M6R3
C6013, C6014, C6026, C6027	CEV1R0M50
C6031, C6032, C6036, C6037	CEV1R0M50
C6041-C6043, C6065, C6066, C6078	CEV1R0M50
C6209	CEV1R0M50
C6015-C6017, C6024, C6028, C6029	CEV220M16
C6033, C6034, C6051, C6064, C6070	CEV220M16
C6072, C6083, C6088	CEV220M16
C6001, C6004, C6018, C6020, C6045	CEV470M16
C6059-C6061, C6085, C6208, C6210	CEV470M16
C6214, C6216	CEV470M16
C6204	CEV470M6R3

Mark	No.	Description	Part No.
	C6007, C6050, C6053, C6069, C6082		CEV4R7M35
	C6087		CEV4R7M35
	C6046		CEVNP470M6R3
	C6067, C6077		CEVR47M50
	C6002, C6003, C6009-C6012		CKSQYF105Z16
	C6090, C6091, C6212, C6213		CKSQYF105Z16
	C6202		CKSQYF472Z50
	C6075, C6076		CKSRYB332K50
	C6005, C6008, C6021-C6023		CKSRYF103Z50
	C6038-C6040, C6044, C6048		CKSRYF103Z50
	C6054-C6058, C6062, C6063, C6071		CKSRYF103Z50
	C6084, C6089, C6201, C6203		CKSRYF103Z50
	C6205-C6207, C6215		CKSRYF103Z50
	C6019, C6025, C6030, C6035		CKSRYF104Z16

RESISTORS

R6183	RD1/2LMF1R0J
R6182	RD1/4LMF3R9J
R6279, R6296	RS1/16S0R0J
R6089, R6091, R6106, R6123, R6126	RS1/16S101J
R6136, R6144, R6147, R6207, R6213	RS1/16S101J
R6252-R6267, R6269, R6271-R6273	RS1/16S101J
R6040, R6118, R6130, R6143, R6154	RS1/16S102J
R6163, R6174, R6201, R6205, R6277	RS1/16S102J
R6005, R6044, R6105, R6116, R6120	RS1/16S103J
R6152, R6156, R6161, R6165, R6172	RS1/16S103J
R6176, R6202, R6209, R6231, R6268	RS1/16S103J
R6270	RS1/16S103J
R6004, R6006, R6036, R6043, R6045	RS1/16S104J
R6114, R6127, R6150, R6159, R6170	RS1/16S104J
R6221-R6223	RS1/16S104J
R6054, R6125	RS1/16S152J
R6087, R6088, R6104, R6276	RS1/16S153J
R6137, R6139, R6249	RS1/16S183J
R6011, R6013, R6020-R6026	RS1/16S221J
R6029-R6033, R6037, R6052, R6053	RS1/16S221J
R6067, R6074, R6085, R6086, R6094	RS1/16S221J
R6096, R6115, R6124, R6138	RS1/16S221J
R6140-R6142, R6145, R6151, R6160	RS1/16S221J
R6171, R6232, R6241, R6242	RS1/16S221J
R6009, R6010, R6041, R6050, R6051	RS1/16S222J
R6075-R6080, R6112, R6113, R6131	RS1/16S222J
R6146, R6234, R6236	RS1/16S222J
R6092, R6093, R6098-R6101	RS1/16S223J
R6121, R6122, R6132-R6135	RS1/16S223J
R6157, R6158, R6166, R6167	RS1/16S223J
R6177, R6178, R6204, R6206	RS1/16S223J
R6210-R6212, R6224-R6227	RS1/16S223J
R6243-R6246, R6248, R6250, R6251	RS1/16S223J
R6203	RS1/16S224J
R6059, R6068, R6095, R6097, R6208	RS1/16S322J
R6237, R6240	RS1/16S322J
R6119, R6155, R6164, R6175	RS1/16S472J
R6184, R6185, R6274	RS1/16S472J
R6228, R6230, R6247	RS1/16S473J
R6001, R6002, R6062, R6063	RS1/16S474J

PRO-610HD, PRO-510HD, SD-582HD5, SD-532HD5

Mark	No.	Description	Part No.
	R6069, R6070, R6179, R6180		RS1/16S474J
	R6034, R6035, R6102, R6103		RS1/16S560J
	R6039, R6117, R6129, R6153, R6162		RS1/16S562J
	R6173		RS1/16S562J
	R6229		RS1/16S563J
	R6012, R6014–R6017, R6019		RS1/16S622J
	R6027, R6028, R6081–R6084		RS1/16S622J
	R6110, R6111		RS1/16S622J
	R6038, R6128		RS1/16S682J
	R6055, R6057, R6189, R6191		RS1/16S683J
	R6018, R6060, R6061, R6064–R6066		RS1/16S750J
	R6071–R6073, R6181, R6186–R6188		RS1/16S750J
	R6215–R6220		RS1/16S750J
	R6048, R6049, R6148, R6149, R6194		RS1/16S821J
	R6233, R6235		RS1/16S821J
	R6056, R6058, R6190, R6192		RS1/16S823J
	R6193		RS1/16S911J
	Other Resistors		RS1/10S □□□J

OTHERS

CN6001	PINJACK (6P) WITH SIN	AKB1271
CN6002	PINJACK (6P) WITH SIN	AKB1272
CN6003	PINJACK (6P)	AKB1273
CN6203	PINJACK (6P)	AKB1274
CN6205	PLUG 50–P	AKM1126
JA6201, JA6206	JACK	AKN1071
CN6006	L–PLUG (10P)	KM250MA10L
CN6005	L–PLUG (11P)	KM250MA11L
CN6007	PLUG 3–P	KM250MA3L
CN6202	PLUG 3–P	KM250MA3LB
CN6204	PLUG 3–P	KM250MA3LR